Seagate 8-Bay Rackmount NAS User Manual

Model: 8-Bay Rackmount NAS

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Contents

1 Regulatory Compliance 4

FCC Declaration of Conformance 4
FCC Class A Information 4
- FCC Caution 4
- Important Note: FCC Radiation Exposure Statement 4

Industry Canada 4
- Important Note for mobile device use 4
- Note Importante pour l'utilisation de dispositifs mobiles 5

Europe – EU Declaration of Conformity 5
Power source 6
- Battery safety 6

2 Safety Guidelines 9

Safe handling 9
Safety 9
- Power supplies 9
- Battery 9
- Environment 9
- Fans 10
- Rack system safety precautions 10
- Rack installation prerequisites 10
- Equipment handling precautions 11

Data security 11

3 System Overview 12

Seagate NAS OS 13
Enclosure dimensions 13
Front panel view 14
Rear panel view 15
- USB ports 15

Drive frames 16

4 System LEDs 18

Front 18
Rear 18
Interior chassis 19
LED behavior 19
- General LED behavior 19
- Status and disk LEDs 20
- Ethernet, identification, and mute LEDs 21
  - Ethernet LEDs 21

Identification LED . . . 21
- Mute LED . . . 22

5 Setting Up . . . 23

Step 1 - Rack . . . 23
Step 2 - Cable Management Arm . . . 25
Step 3 - Cables . . . 26
- Connections . . . 26
- Placement . . . 27
- Network and power . . . 28

Step 4 - Drives . . . 29
- Remove the cover . . . 29
- Insert the drives . . . 30

Step 5 - Log on to the NAS . . . 35

6 Software . . . 39

7 Getting Help . . . 41

Troubleshooting topics . . . 41
- The 8-bay Rackmount NAS will not turn on. . . . 41
- The 8-bay Rackmount NAS turns off when I connect a USB device. . . . 41

Regulatory Compliance

FCC Declaration of Conformance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Class A Information

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Important Note: FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.

Industry Canada

This device complies with RSS-210 of the Industry Canada Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Ce dispositif est conforme à la norme CNR-210 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Important Note for mobile device use

Radiation Exposure Statement:
This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Note Importante pour l'utilisation de dispositifs mobiles

Déclaration d'exposition aux radiations:
Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

Europe – EU Declaration of Conformity

This device complies with the essential requirements of the EMC Directive 2004/108/EC. The following test methods have been applied in order to prove presumption of conformity with the essential requirements of the EMC Directive 2004/108/EC:

- EN 60950-1:2006/AC:2011: Information technology equipment - Safety - Part 1: General requirements
- EN 55022: 2010/AC:2011: Information technology equipment - Radio disturbance characteristics Limits and methods of measurement
- EN 55024: 2010: Information technology equipment - Immunity characteristics - Limits and methods of measurement

CE

Česky [Czech]	Seagate tímto prohlašuje, že tento Rackmount NAS je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 2004/5/ES.
Dansk [Danish]	Undertegnede Seagate erklærer herved, at følgende udstyr Rackmount NAS overholder de væsentlige krav og øvrige relevante krav i direktiv 2004/5/EF.
Deutsch [German]	Hiermit erklärt Seagate, dass sich das Gerät Rackmount NAS in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 2004/5/EG befindet.
Eesti [Estonian]	Käesolevaga kinnitab Seagate seadme Rackmount NAS vastavust direktiivi 2004/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
English	Hereby, Seagate, declares that this Rackmount NASis in compliance with the essential requirements and other relevant provisions of Directive 2004/5/EC.
Español [Spanish]	Por medio de la presente Seagate declara que el Rackmount NAS cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 2004/5/CE.
Ελληνική [Greek]	ΜΕ ΤΗΝ ΠΑΡΟΥΣ SeagateΔΗΛΩΝΕΙ ΟΤΙRackmount NASΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2004/5/ΕΚ.
Français [French]	Par la présente Seagate déclare que l'appareil Rackmount NASest conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 2004/5/CE.

Italiano [Italian]	Con la presente Seagate dichiara che questo Rackmount NAS è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 2004/5/CE.
Latviski [Latvian]	Ar šo Seagatedeklarē, ka Rackmount NAS atbilst Direktīvas 2004/104/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lietuvių [Lithuanian]	Šiuo Seagate deklaruoja, kad šis Rackmount NAS atitinka esminius reikalavimus ir kitas 2004/104/EB Direktyvos nuostatas.
Nederlands [Dutch]	Hierbij verklaart Seagate dat het toestel Rackmount NAS in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 2004/104/EG.
Malti [Maltese]	Hawnhekk, Seagate, jiddikjara li dan Rackmount NAS jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 2004/104/EC.
Magyar [Hungarian]	Alulírott, Seagate nyilatkozom, hogy a Rackmount NASmegfelel a vonatkozó alapvetõ követelményeknek és az 2004/104/EC irányelv egyéb elõírásainak.
Polski [Polish]	Niniejszym Seagate oświadcza, że Rackmount NAS jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 2004/104/EC.
Português [Portuguese]	Seagate declara que este Rackmount NAS está conforme com os requisitos essenciais e outras disposições da Directiva 2004/104/CE.
Slovensko [Slovenian]	Seagateizjavlja, da je at Rackmount NAS v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 2004/104/ES.
Slovensky [Slovak]	Seagate týmto vyhlasuje, že Rackmount NAS spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 2004/104/ES.
Suomi [Finnish]	Seagate vakuuttaa täten että Rackmount NAS tyyppinen laite on direktiivin 2004/104/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Svenska [Swedish]	Härmed intygar Seagate att denna Rackmount NAS står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 2004/104/EG.

Power source

Caution: Use the product with the provided power supply only.

Note: To protect your data, always follow the safe removal procedures for your operating system when disconnecting your product.

Battery safety

This product contains a lithium-ion battery that must be disposed of properly. Follow the battery safety items below:

- Do not dismantle, open or shred secondary cells or batteries.

- Do not expose cells or batteries to heat or fire. Avoid storage in direct sunlight.
- Do not short-circuit a cell or a battery. Do not store cells or batteries haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by, other metal objects.
- Do not use any charger other than that specifically provided for use with the equipment.
- Do not use any cell or battery which is not designed for use with the equipment.
- Do not mix cells of different manufacture, capacity, size or type within a device.
- Seek medical advice immediately if a cell or a battery has been swallowed.
- Do not subject cells or batteries to mechanical shock.
- In the event of a cell leaking, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- Keep cells and batteries out of the reach of children.
- Keep cells and batteries clean and dry.
- Secondary cells and batteries need to be charged before use. Always use the correct charger and refer to the manufacturer's instructions or equipment manual for proper charging instructions.
- Do not leave a battery on prolonged charge when not in use.
- After extended periods of storage, it may be necessary to charge and discharge the cells or batteries several times to obtain maximum performance.
- Secondary cells and batteries give their best performance when they are operated at normal room temperature (20°C±5°C).
- Retain the original product literature for future reference.
- Use only the cell or battery in the application for which it was intended.
- Dispose of properly.

Safety Guidelines

Important info: Do-it-yourself repairs not covered in this manual will invalidate the warranty.

Safe handling

The 8-bay Rackmount NAS must run with all of its parts and units in place. In order to comply with applicable safety, emission and thermal requirements, no covers should be removed and all drives must be installed according to the instructions (see Setting Up).

Permanently unplug the unit if you think that it has become damaged in any way.

The 8-bay Rackmount NAS features three parts that are hot-swappable: drives; fans; and power supply units). The NAS can remain powered on when replacing a hot-swappable part. For all other types of maintenance and physical troubleshooting, shut down and disconnect power from the NAS. Only qualified technical service personnel should be allowed to maintain the NAS.

Shut down and unplug the unit before moving it.

Caution: If this equipment is used in a manner not specified by Seagate, the protection provided by the equipment may be impaired.

Safety

Power supplies

The 8-bay Rackmount NAS must be operated from a power supply input voltage range of 100 to 240 VAC, 50 to 60 Hz.

Make sure that the socket outlets are located near the equipment and are easily accessible.

Before removal/replacement of a power supply, disconnect the power supply cable for complete isolation.

Battery

Use caution when replacing the battery:
- There is a strong risk of explosion if the battery is replaced by an incorrect type.
- Dispose of used batteries according to the applicable laws for your region.

Environment

A safe electrical ground connection must be provided to the power cord. Check the grounding of the enclosure before applying power.

Provide a suitable power source with electrical overload protection to meet the requirements laid down in the technical specification.

Never expose your device to rain, or use it near water, or in damp or wet conditions. Never place objects containing liquids on the enclosure, as they may spill into its openings. Doing so increases the risk of electrical shock, short-circuiting, fire, or personal injury.

Always unplug the device from the electrical outlet if there is a risk of lightning or if it will be unused for an extended period of time. Otherwise, there is an increased risk of electrical shock, short-circuiting, or fire.

Hot surfaces (heat sinks) are exposed when the enclosure top cover is removed. Disconnect power and allow the enclosure to cool before working inside the system.

When pulled out from the rack, the enclosure must not be used as a shelf to support any other object.

> **Caution:** Do not remove covers from the PSU: there is a danger of electric shock inside. If the PSU fails during the warranty period, return it to Seagate.

Fans

> **Warning:**Removing the enclosure cover when the NAS is powered on will reveal moving parts, specifically the rotating fan blades. You must remain vigilant when opening the enclosure cover. Above all, show extreme caution with the fans and other moving parts within the 8-bay Rackmount NAS.

Rack system safety precautions

The rack cabinet must be capable of supporting the total weight of the installed enclosure(s) and the design should incorporate stabilizing features suitable to prevent the cabinet from tipping or being pushed over during installation or in normal use.

When loading a rack cabinet with the units, fill from the bottom up and empty it from the top down.

Do not add any load onto the 8-bay Rackmount NAS when it is mounted on its rack rails and installed on its slide.Doing so can bend the rails and prevent the slide from proper operation.

The rack cabinet design should take into consideration the maximum operating ambient temperature for the unit, which is 35°C.

The rack cabinet should have a safe electrical distribution system. It must provide overcurrent protection for the unit and must not be overloaded by the total number of units installed in the rack. When addressing these concerns, consider the electrical power consumption rating shown on the product.

The electrical distribution system must provide a reliable ground for each unit and for the cabinet.

The power supply unit has a ground leakage current of 3.5mA. The design of the electrical distribution system must take into consideration the total ground leakage current from all the power supplies in all the units.

When configured, the cabinet must meet the safety requirements of IEC 60950-1 2nd edition.

Caution: To avoid danger of the cabinet toppling over, under no circumstances should more than one enclosure be drawn out of the rack cabinet at any one time.

Rack installation prerequisites

The Seagate 8-bay Rackmount NAS enclosure is designed for installation into an industry standard 19-inch rack cabinet subject to the following requirements:

- There must be a minimum depth of 430mm (16.9 inches) from rack posts to the maximum extremity of the enclosure (excluding rear cabling).
- The rack must be able to support enclosures weighing up to 20Kg (45 lb.).
- There must be a minimum gap of 25mm (1 inch) between the rack cover and front of the enclosure.
- There must be a minimum gap of 50mm (2 inches) between the rear of the enclosure and the rear of the rack in order to maintain the correct air flow around the enclosure.
- Use in a fully enclosed rack installation is not recommended.
- The rack design should take into consideration the maximum operating ambient temperature for the unit,which is 35°C.
- The system must be operated with a low pressure rear exhaust. The back pressure created by rack doors and obstacles must not exceed 5 Pascals (0.5mm water gauge).

The top cover on the rear of the enclosure provides access to the RAM, hard drives, and riser card slot in the motherboard. Do not remove the top cover on the rear of the enclosure unless you are performing maintenance recommended by Seagate technical support. The unit must be turned off and allowed to cool down before removing the rear cover. Potential hazards include the battery and hot surfaces.

When placing the covers on the NAS, make certain that:

- The front cover is secured by snapping the latches into place (this is to prevent users/operators from accessing service areas).
- The rear cover is screwed into place with the original screws.

Equipment handling precautions

Observe all conventional ESD precautions when handling 8-bay Rackmount NAS internal components. Avoid contact with backplane components, module components, etc.

Drives are fragile and must be handled with care during removal/replacement.

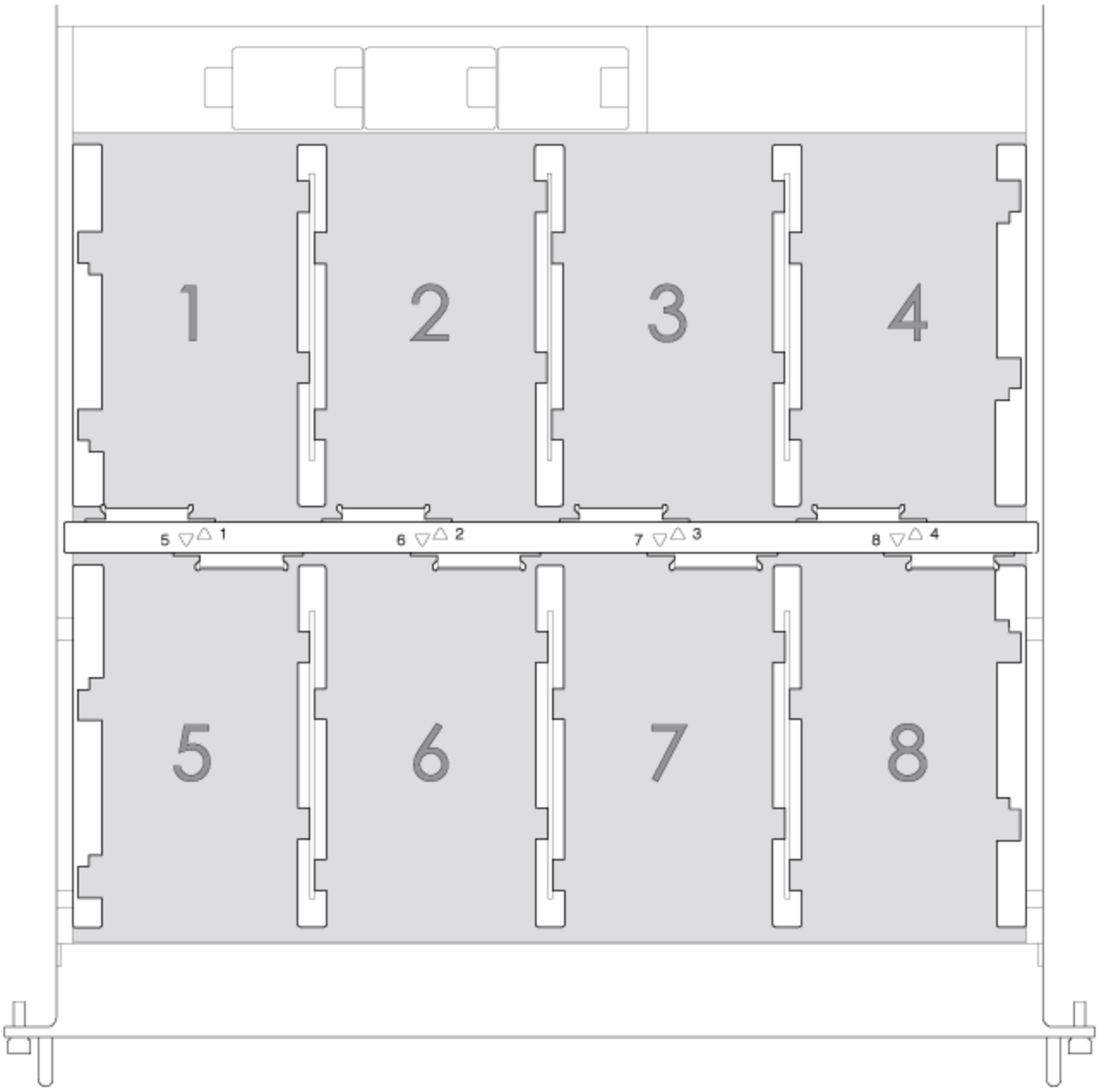
Data security

Any loss, corruption, or destruction of data while using a Seagate drive or a Seagate drive system is the sole responsibility of the user, and under no circumstances will Seagate be held liable for the recovery or restoration of this data. To help prevent the loss of your data, Seagate highly recommends that you keep TWO copies of your data: one copy on your NAS; and, a second copy on one of the following:

- Direct-attached storage (DAS)
- A second NAS
- Some form of removable storage or archival media

Important info:1GB = 1,000,000,000 bytes. 1TB = 1,000,000,000,000 bytes. Once formatted, the actual available storage capacity varies depending upon the operating environment (typically 10-15% less).

System Overview



The 8-bay Rackmount NAS is a 1U-sized hard drive enclosure. It houses up to eight 3.5-inch hard drives in its front chassis (see the illustration above).

Enclosures shipped with hard drives feature Seagate's high-end nearline hard drives. For more information on nearline hard drives, go to Seagate Enterprise Drives

.

New or replacement hard drives must meet the following requirements:

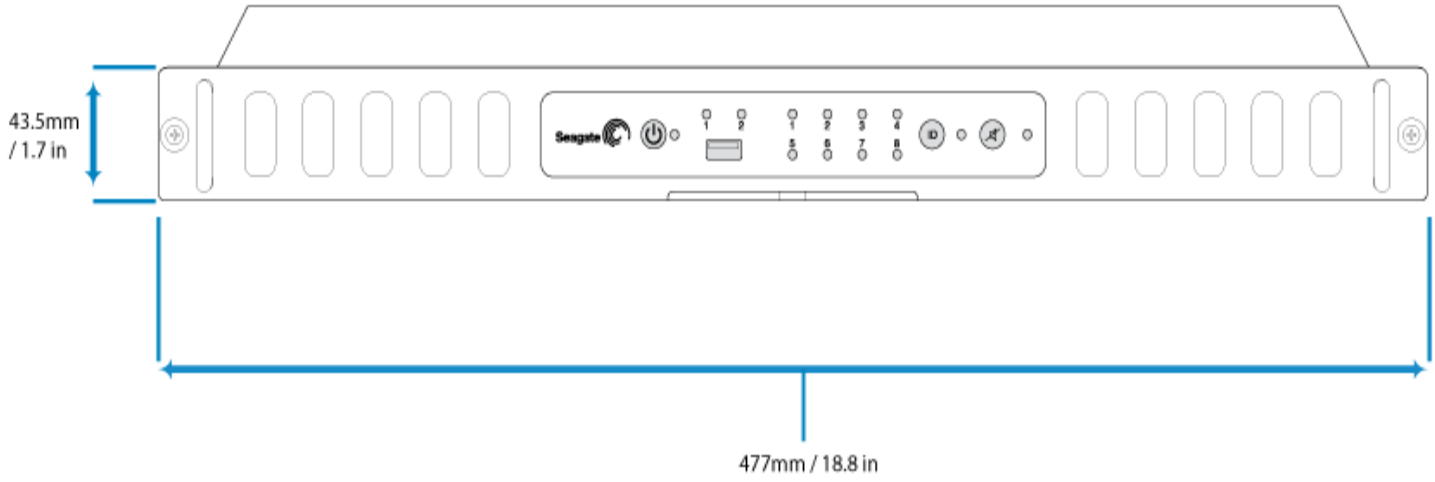
- SATA I or higher
- 3.0Gb/s or higher
- Spin up to 7200 RPM

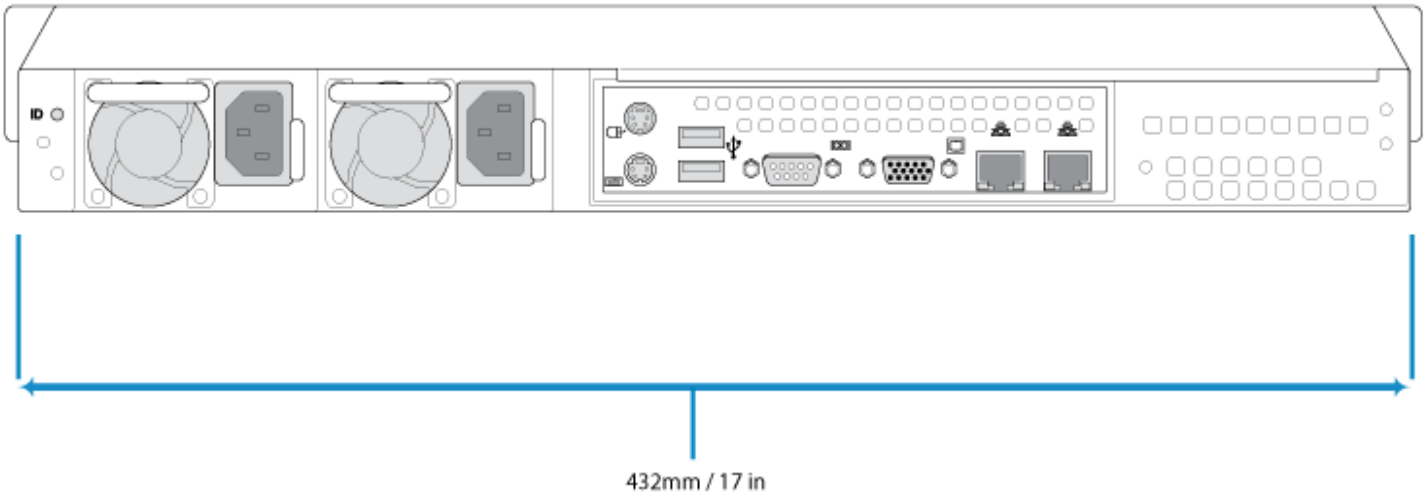
In case of disk failure or, the need to expand storage capacity, each individual hard drive is hot-swappable and field replaceable. When adding hard drives to the enclosure, consider using Seagate nearline storage.

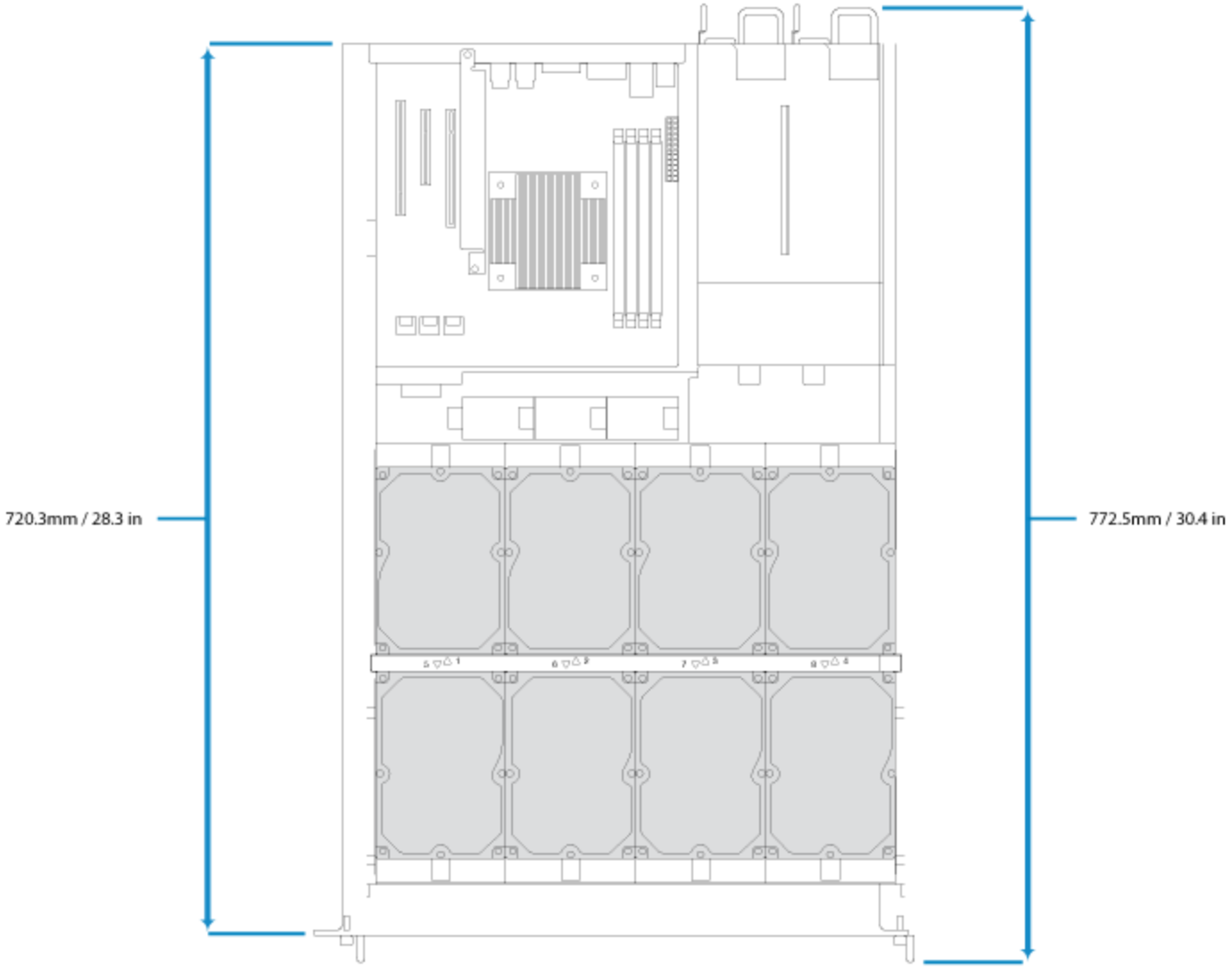
Seagate NAS OS

The 8-bay Rackmount NAS is managed by Seagate NAS OS. Written to all drives within the enclosure, NAS OS helps you to create volumes with RAID protection. Direct attached storage (DAS) can be connected to the enclosure's external ports for NAS backup. However, it is not possible to expand volumes using DAS.

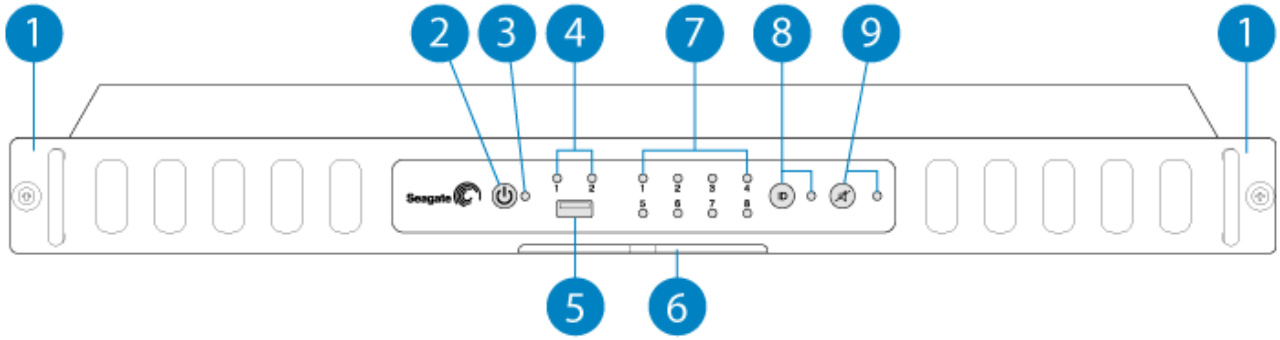
Enclosure dimensions







Front panel view



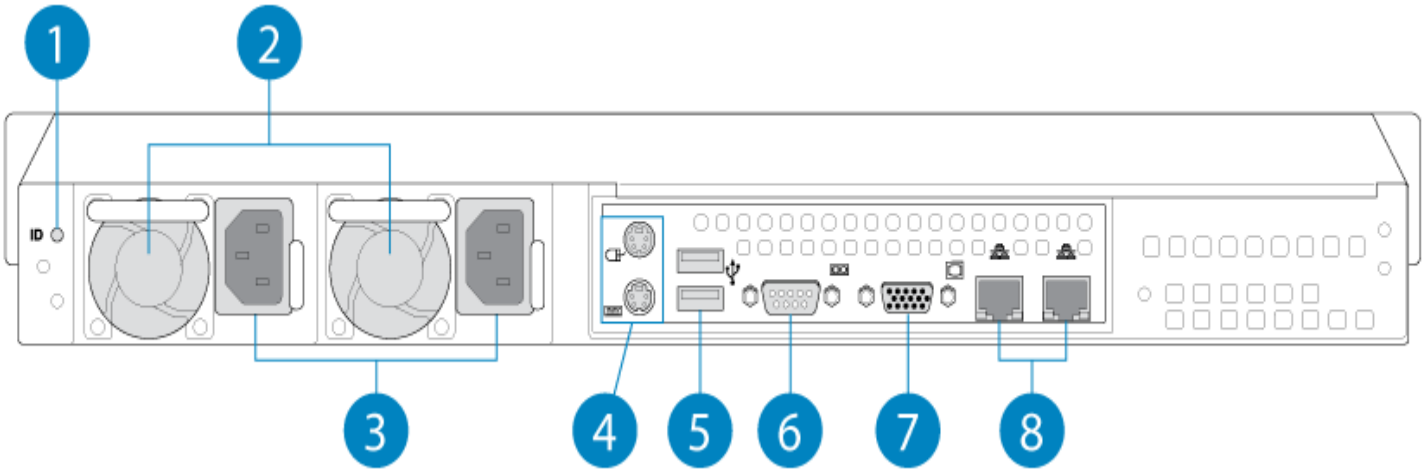
1. **Rackmount brackets:** Attaches your Seagate 8-bay Rackmount NAS to standard, 19-inch computer equipment racks. See Setting Up .
2. **Power button:** Used to turn the system on and off. See Operation .
3. **Status LED:** Indicates that the device is powered on and provides status signals. See System LEDs .
4. **Ethernet LEDs 1 and 2:** A LED will turn blue when its respective port is connected to the network. Blinking indicates activity on the LAN.
5. **USB 2.0 port:** Connect compatible USB devices to the port.

6. **MAC address label:** Slide the label toward you to view the MAC addresses for the Ethernet ports. The MAC addresses are also listed on a sticker located on the rear cover. MAC addresses are requested when running the NAS OS Installer to reinstall the operating system or to repair or rescue the system.
7. **Disk LEDs**: Indicates the status and activity for the drives in the enclosure.
8. **Identification button:** Pushing this button will cause the identification LEDs in the front and rear of the device to flash amber and the alarm to sound. The flashing LEDs allow you to identify the 8-bay Rackmount NAS among a group of racked devices. There is another identification button on the rear of the device that can also be pushed to turn on the identification LEDs and sound the alarm. Both buttons work in tandem, allowing you to turn the visual and audio identifications on and off. For example, you can use the identification button on the front of the device to turn them on and then turn them off via the rear identification button. A third identification option is available in the NAS OS administration tool.
9. **Mute button:** Push the button to turn off an existing audio alarm or, to prevent the system from sounding an audio alarm. An audible alarm will sound when someone pushes an identification button or chooses the option in the NAS OS administration tool. It will also sound if the unit senses a problem with the hardware, such as a faulty power supply unit or elevated temperatures. When the Mute button is pushed, its LED will turn amber, indicating that the alarm will not sound, even if the NAS experiences hardware errors.

For details on LED behavior. See System LEDs

.

Rear panel view



1. **Identification Button and LED**: Pushing this button will cause the identification LEDs in the front and rear of the device to flash amber and the alarm to sound. The flashing LEDs allow you to identify the 8-bay Rackmount NAS among a group of racked devices. There is another identification button on the front of the device that can also be pushed to turn on the identification LEDs and sound the alarm. Both buttons work in tandem, allowing you to turn the visual and audio identifications on and off. For example, you can use the identification button on the front of the device to turn them on and then turn them off via the rear identification button. A third identification option is available in the NAS OS administration tool.
2. **Ventilation:** Helps to keep your NAS's power supply units cool during operation. Be sure not to block this fan when using the product.
3. **Power inputs:** Where you plug in the AC adapter supplied with the drive. See Setting Up

   .
4. **PS/2 ports:** Connect a mouse and keyboard for maintenance.
5. **Hi-Speed USB 2.0 ports:** Can be used for direct-attached storage (DAS) or USB devices such as a mouse and keyboard.
6. **RS-232:** Serial communications port.
7. **VGA video port:** Connect a VGA display for maintenance.
8. **Gigabit Ethernet ports:** Connect Ethernet cables from the device to your network. See Setting Up

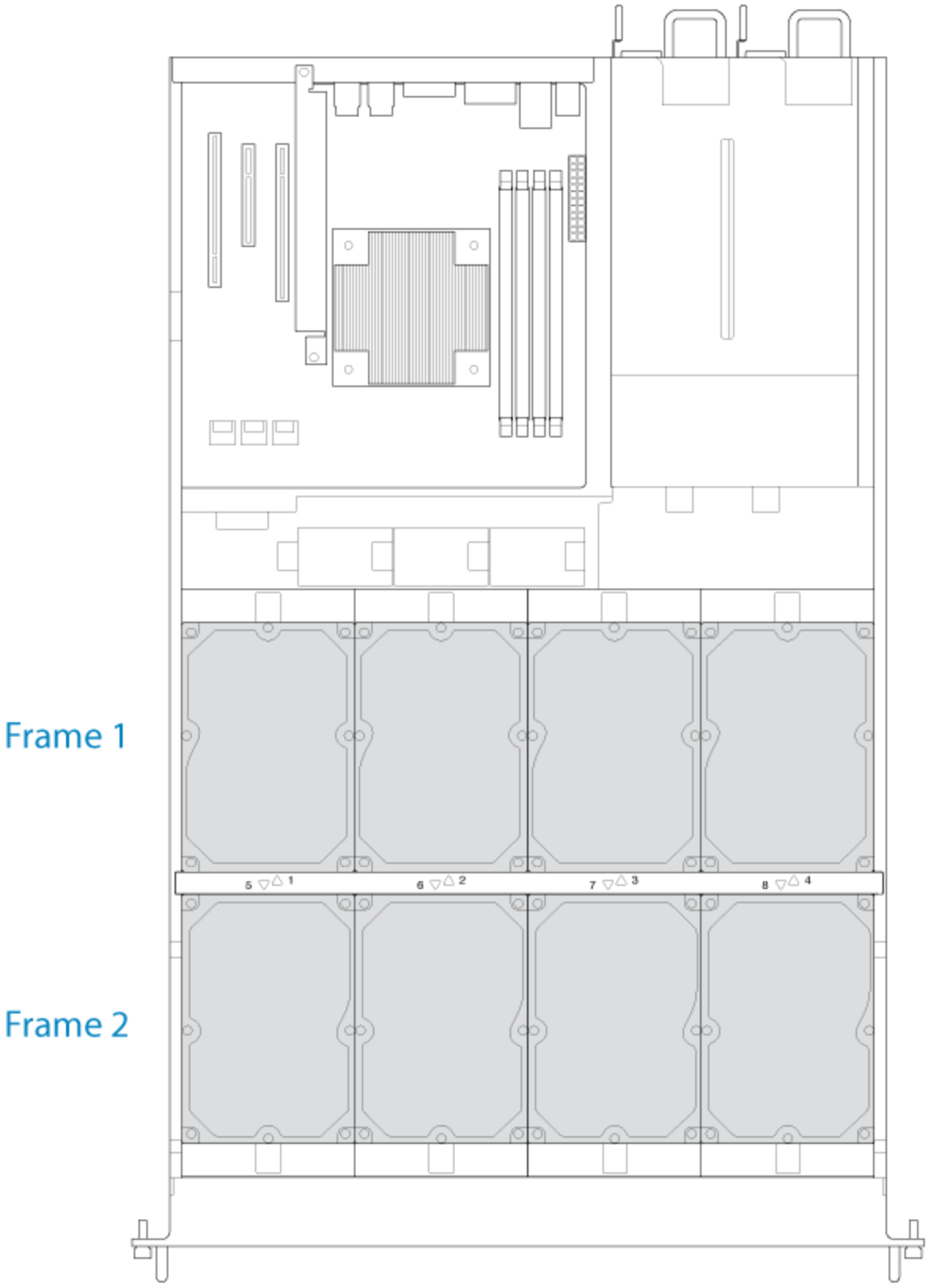
   .

USB ports

The 8-bay Rackmount NAS has three USB 2.0 ports, which lets you connect DAS or other USB devices:

- Storage devices connected to a USB port should be formatted using one of the following file systems: FAT32, NTFS, HFS+, EXT2, EXT3, EXT4, and XFS. Other storage formats will not be recognized by the NAS. No capacity limitations apply.
- You can connect any USB keyboard, USB mouse, or USB accessories.

Drive frames

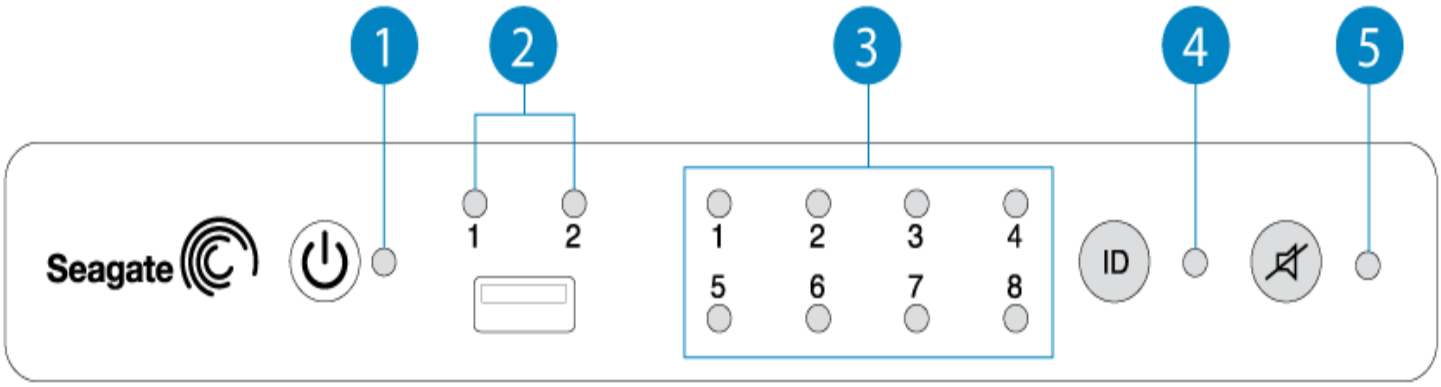


The 8-bay Rackmount NAS has two drive frames, each housing four 3.5-inch form factor disk drives. The frame has mounting locations for SATA drives. The drive frame provides thermal conduction, radio frequency, and electro-magnetic induction protection and affords the drives physical protection.

System LEDs

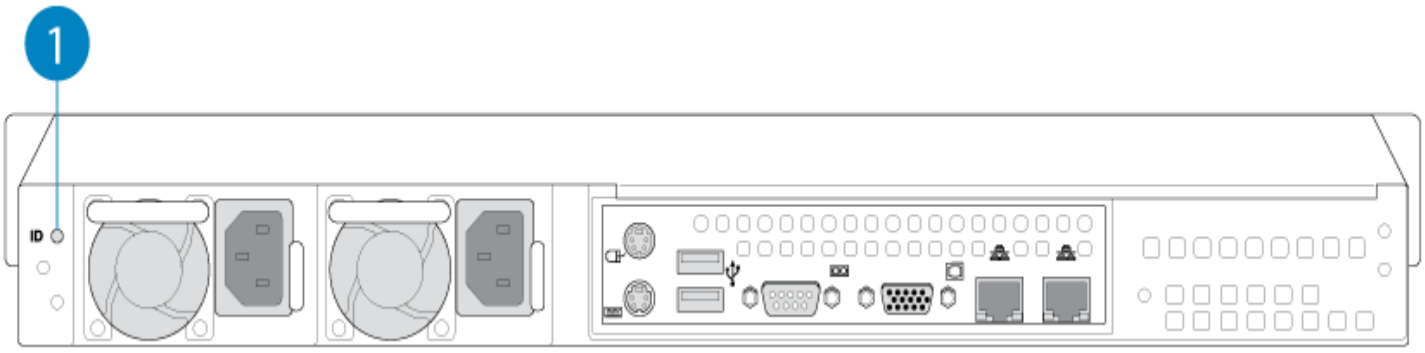
The 8-bay Rackmount NAS features three sets of LEDs that provide information on the system's status. Review the illustrations below for the LED locations on the chassis.

Front



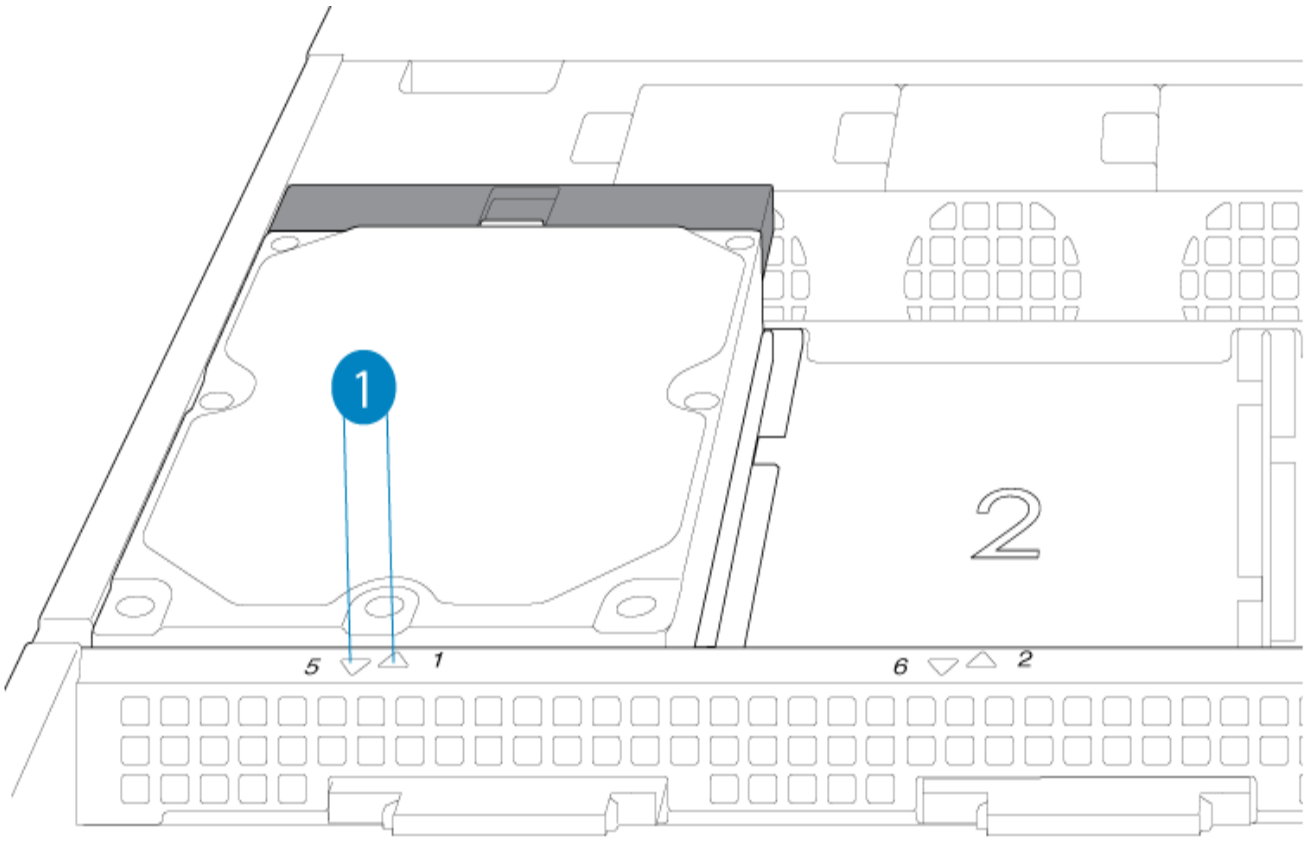
1. Status LED
2. Ethernet LEDs
3. Disk LEDs
4. Identification LED
5. Mute LED

Rear



1. Identification LED and LED button

Interior chassis



1. Disk LEDs

LED behavior

General LED behavior

The list of colors below will help you identify the general status of your NAS:

Color	State

Solid blue	Ready
Blinking blue	Startup; shutdown; activity
Blinking red and blue	RAID synchronization; software update
Blinking red	Warning
Solid red	Error
Solid purple	Updating hardware
Blinking purple	Communication has been lost

Status and disk LEDs

The status and disk LEDs work together to provide up-to-date details on your NAS's health.

Status LED Behavior	Disk LEDs Behavior	State
Blinking blue	Blinking blue for working disks (until they are fully initialized)	Occurs as the device is booting and will cease once the drives are fully initialized.
Solid blue	Blinking blue for working disks	Drives working (read/write)
Blinking blue/red	Blinking blue/red	RAID synchronizing and will cease once the operation is finished.
	Blinking blue for working disks	NAS OS update in progress.
Blinking red	Solid red for non-functional disk(s)	RAID is degraded. data remains intact but the array is no longer protected should another disk fail.
	Blinking blue led for all disks	Temperature alert (first level warning)
		Fans are not spinning
		A power supply has been cut but power is provided by the second power supply and/or the ups.

Solid red	Blinking blue for working disks	Temperature alert (critical level). the product will shut off due to the high temperature.
		The power supplies are not providing power and, if applicable, the ups has run out of reserve power. the product will shut off.
	Solid red for non-functional disks	RAID has failed and all data has been lost.
	Off on disks	A disk has not been plugged into the slot's SATA connection or it is not receiving power.
Solid purple	Solid blue	Updating hardware
Blinking purple	Solid blue	Communication has been lost. See Hardware Maintenance .

Ethernet, identification, and mute LEDs

Ethernet LEDs

Behavior	State
Solid blue	The Ethernet port is connected to the network.
Blinking blue	Activity on the Ethernet port.
Off	The Ethernet port is not connected to the network.

Identification LED

Behavior	State

Blinking amber	An identification button has been pushed (front, rear, or NAS OS). A corresponding LED on the rear of the NAS will also blink amber to identify the unit in the rack.
Off	The identification feature is off.

Mute LED

Behavior	State
Solid amber	The mute button has been pushed to turn off an audible alert or, to stop the unit from sounding an audible alert.
Off	The mute feature is off.

Setting Up

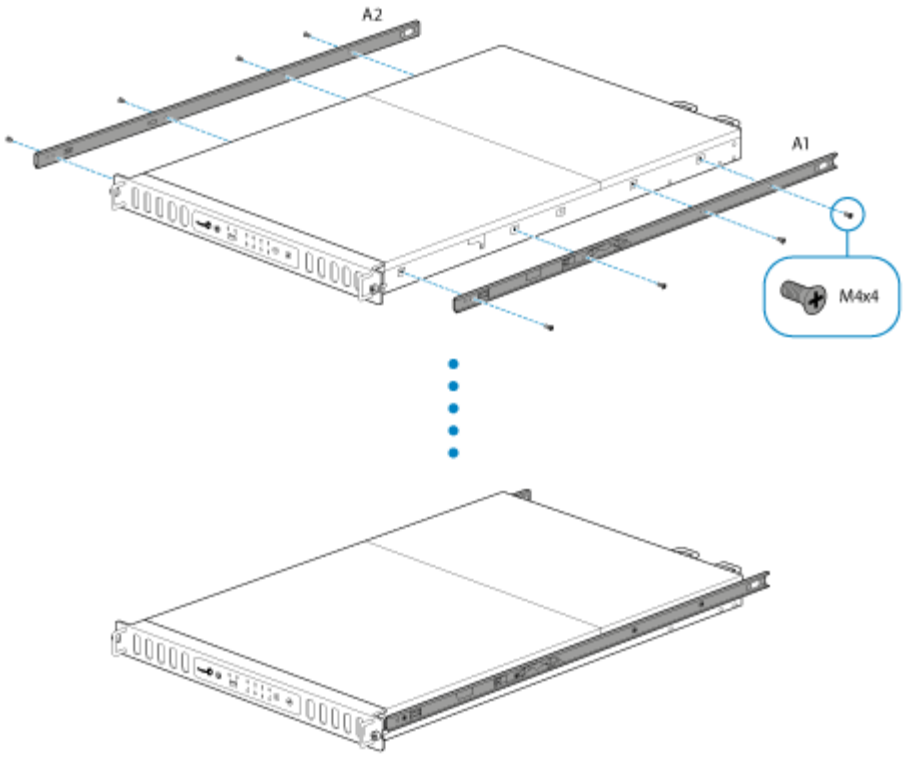
The Seagate 8-bay Rackmount NAS is shipped with the following installation components:

- Rack rail kit for a standard 19-inch rack
- Cable management arm kit
- Hard drives (the amount of disks will vary by model)
- Seagate 8-bay Rackmount NAS chassis

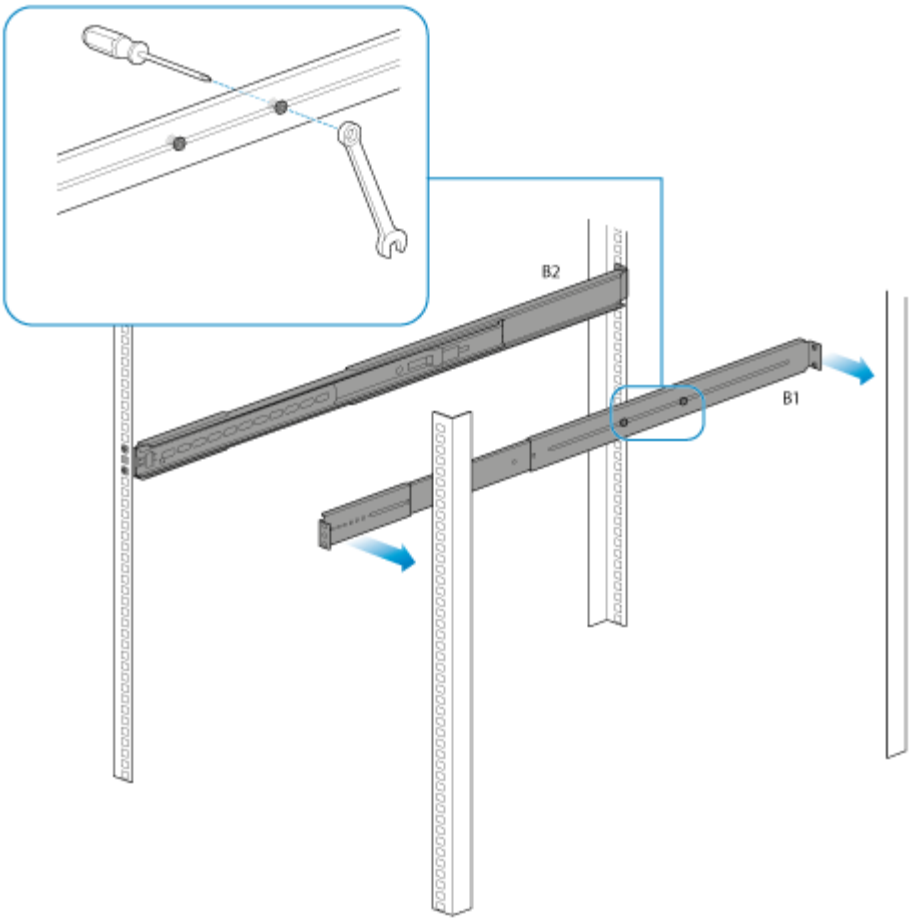
The instructions are also available in the Quick Start Guide included with the NAS.

Step 1 - Rack

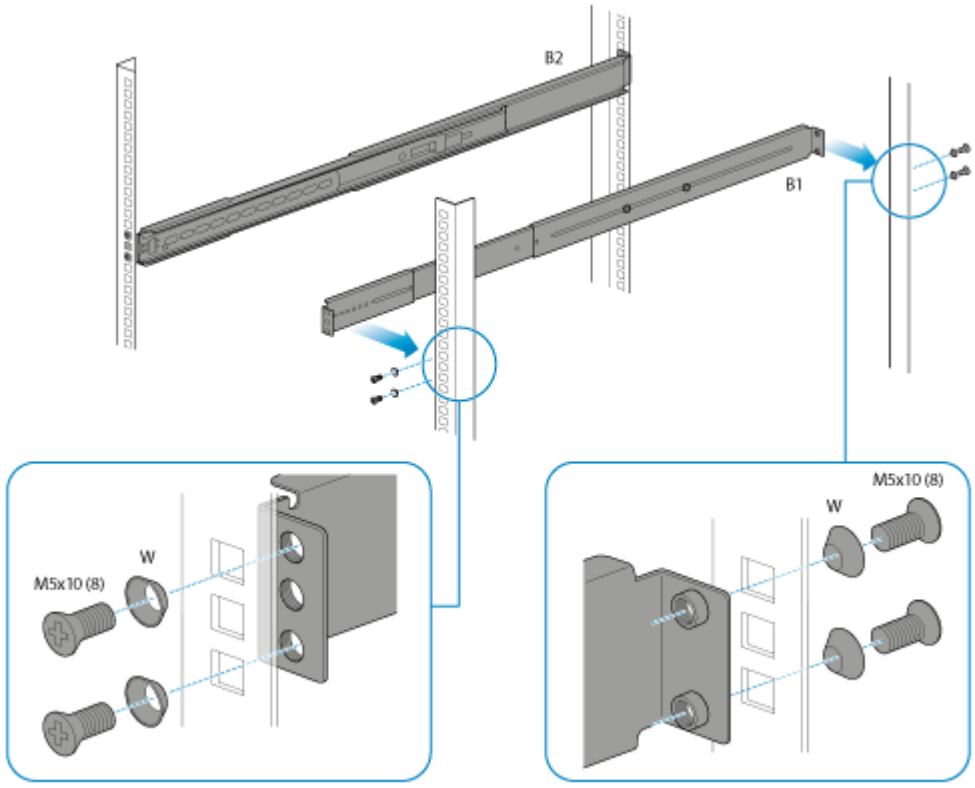
1. Attach the inner rack rails to the Seagate 8-Bay Rackmount NAS using four screws on each side.



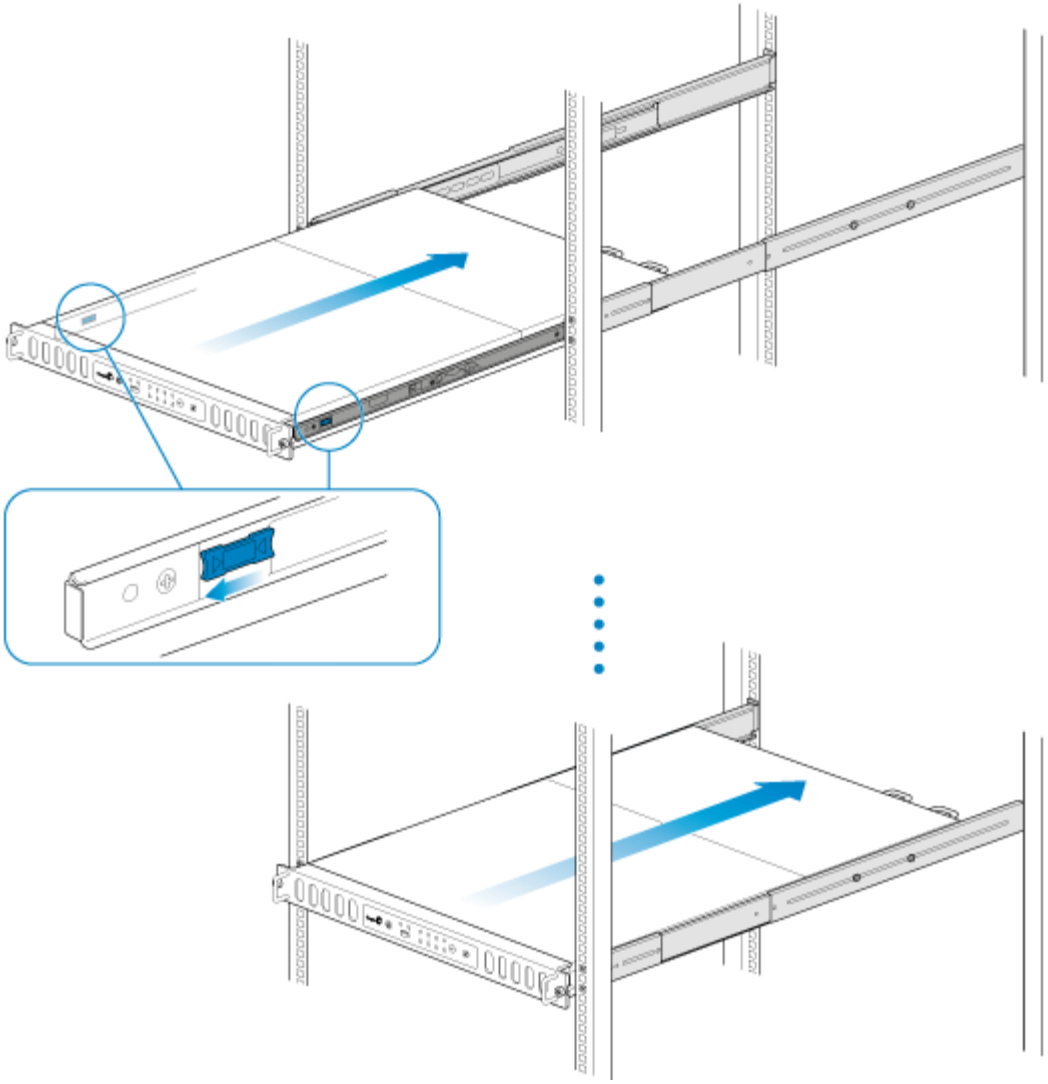
2. Unlock the rear screws on the outer rack rails to extend the sliding brackets.



3. Attach the outer rack rails to the rack.



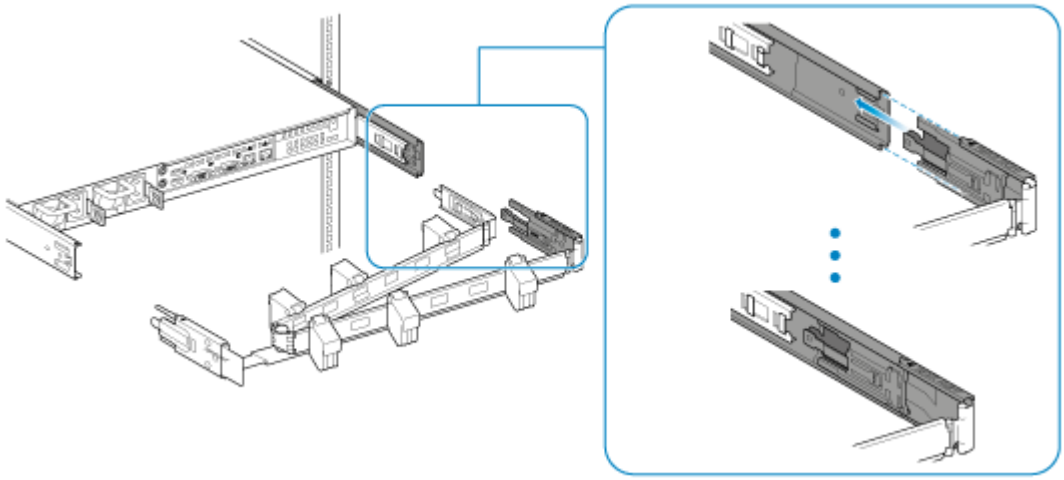
4. Slide the Seagate NAS into the rack. You will hear a click indicating that the NAS is securely fastened to the rack.



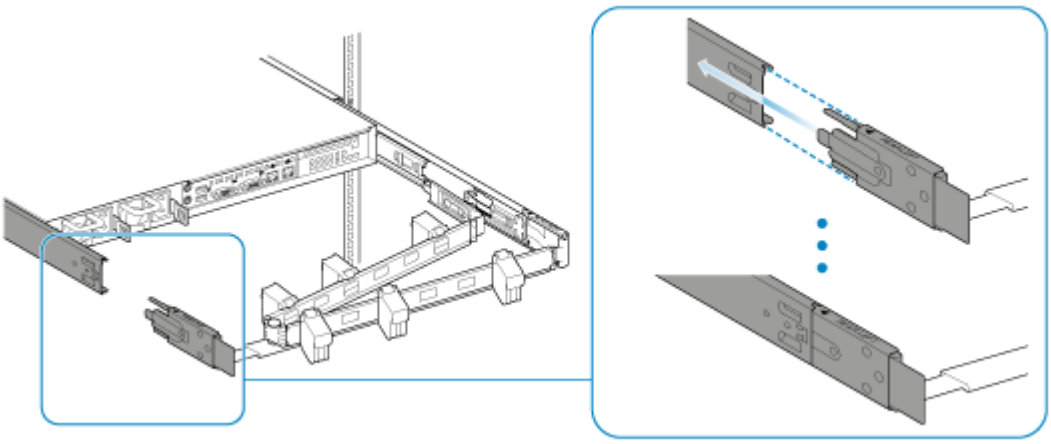
Step 2 - Cable Management Arm

Attach the cable management arm to the back of the rack rails.

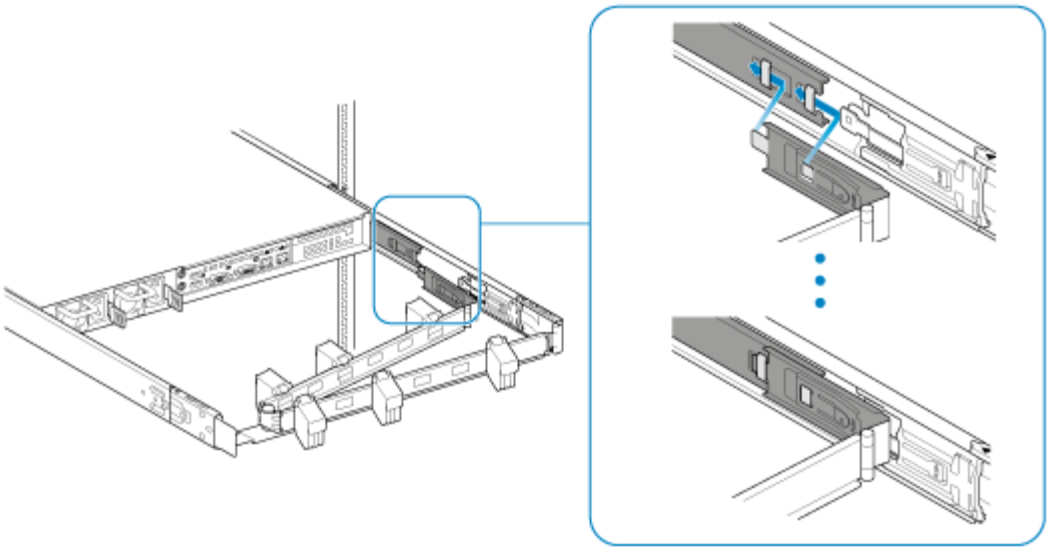
1. Snap the right outer connection into the outside rail.



2. Snap the left connection into the outside rail.

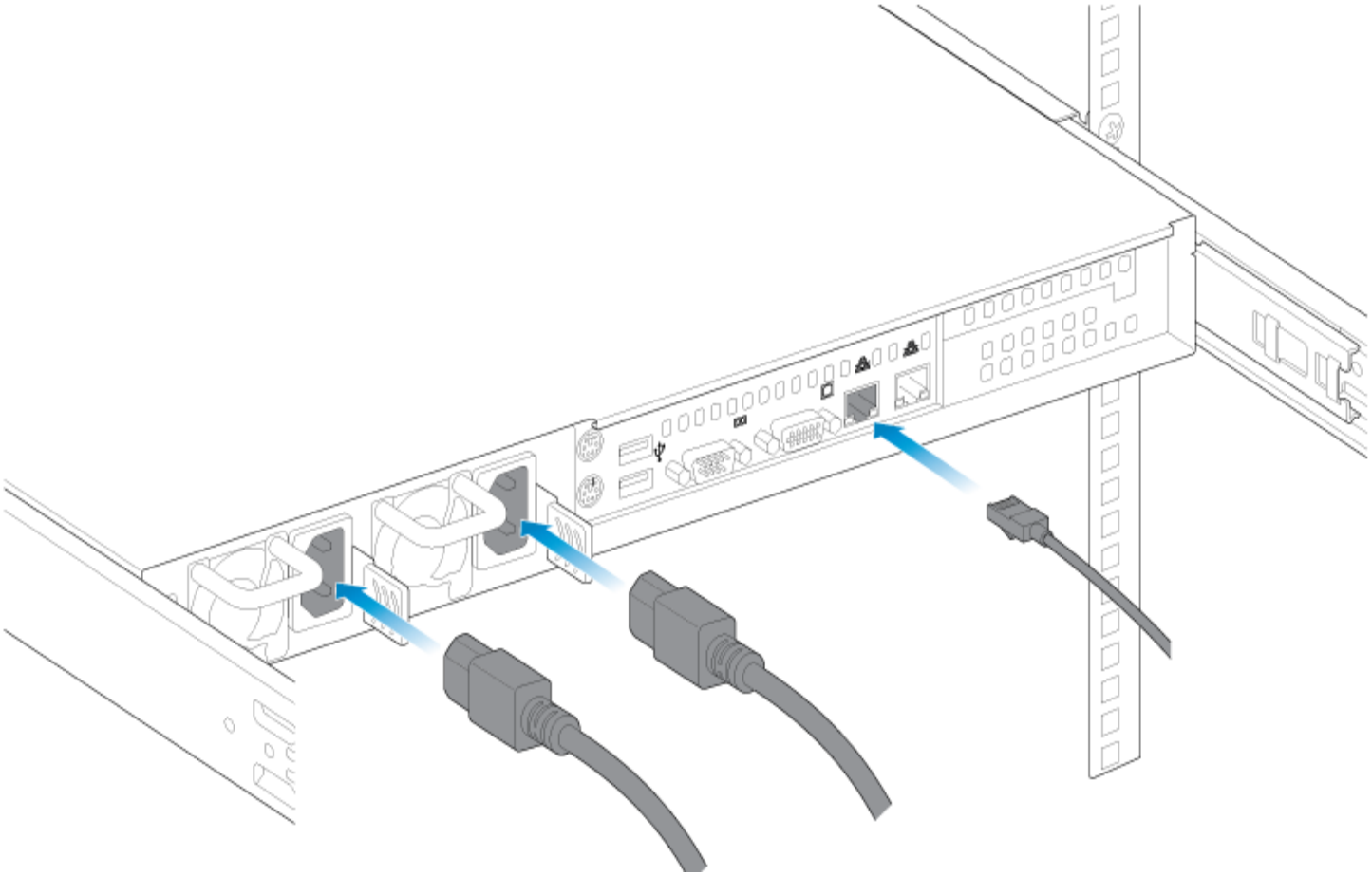


3. Guide the right inner connection into the inner rack rail.



Step 3 - Cables

Connections



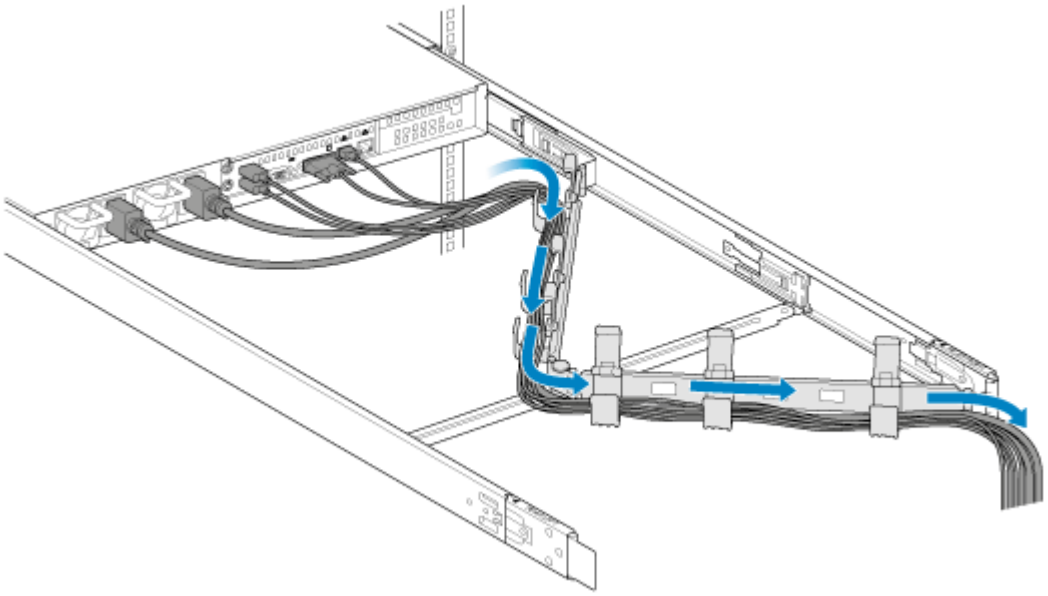
- Ethernet
- Power cables (2)

You can also connect:

- A second Ethernet cable for redundancy or performance.
- A mouse, a keyboard and a VGA monitor for maintenance.

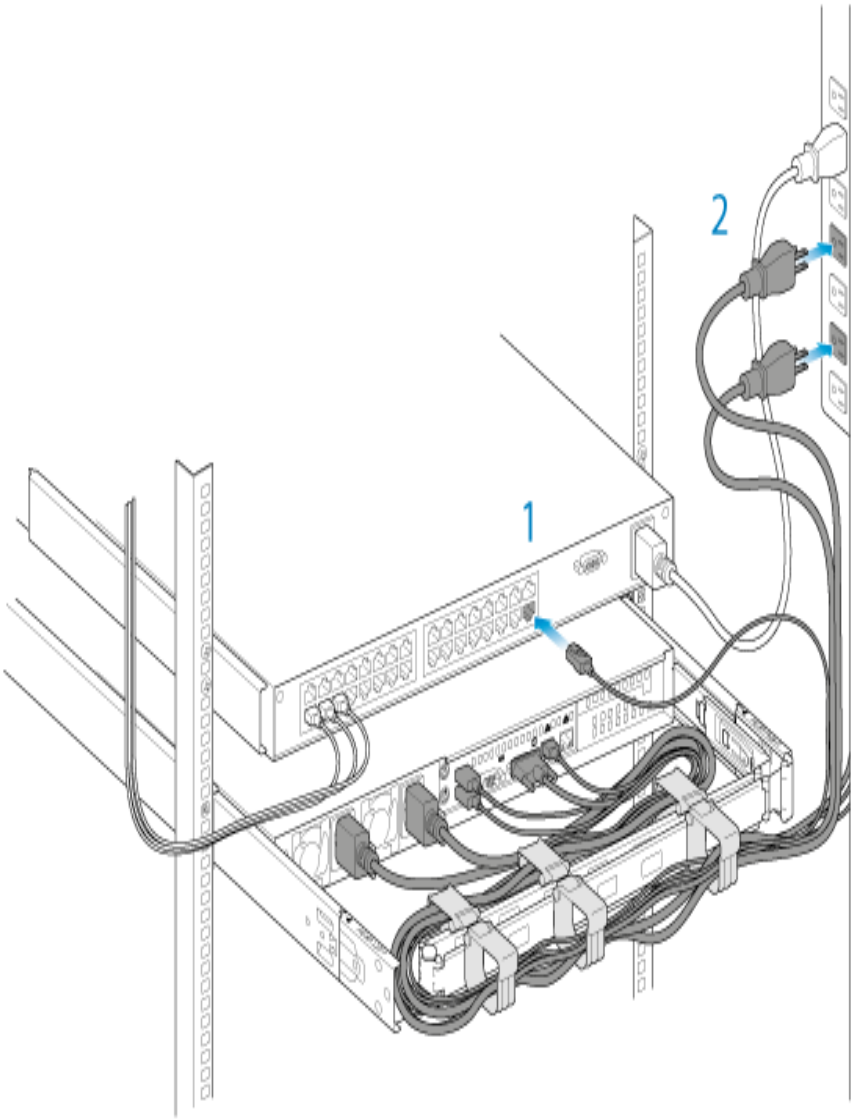
Placement

1. Open the panels on the cable management arm and thread the cables. Allow slack for external connections and sliding the NAS on its rails.



2. Close the panels.

Network and power



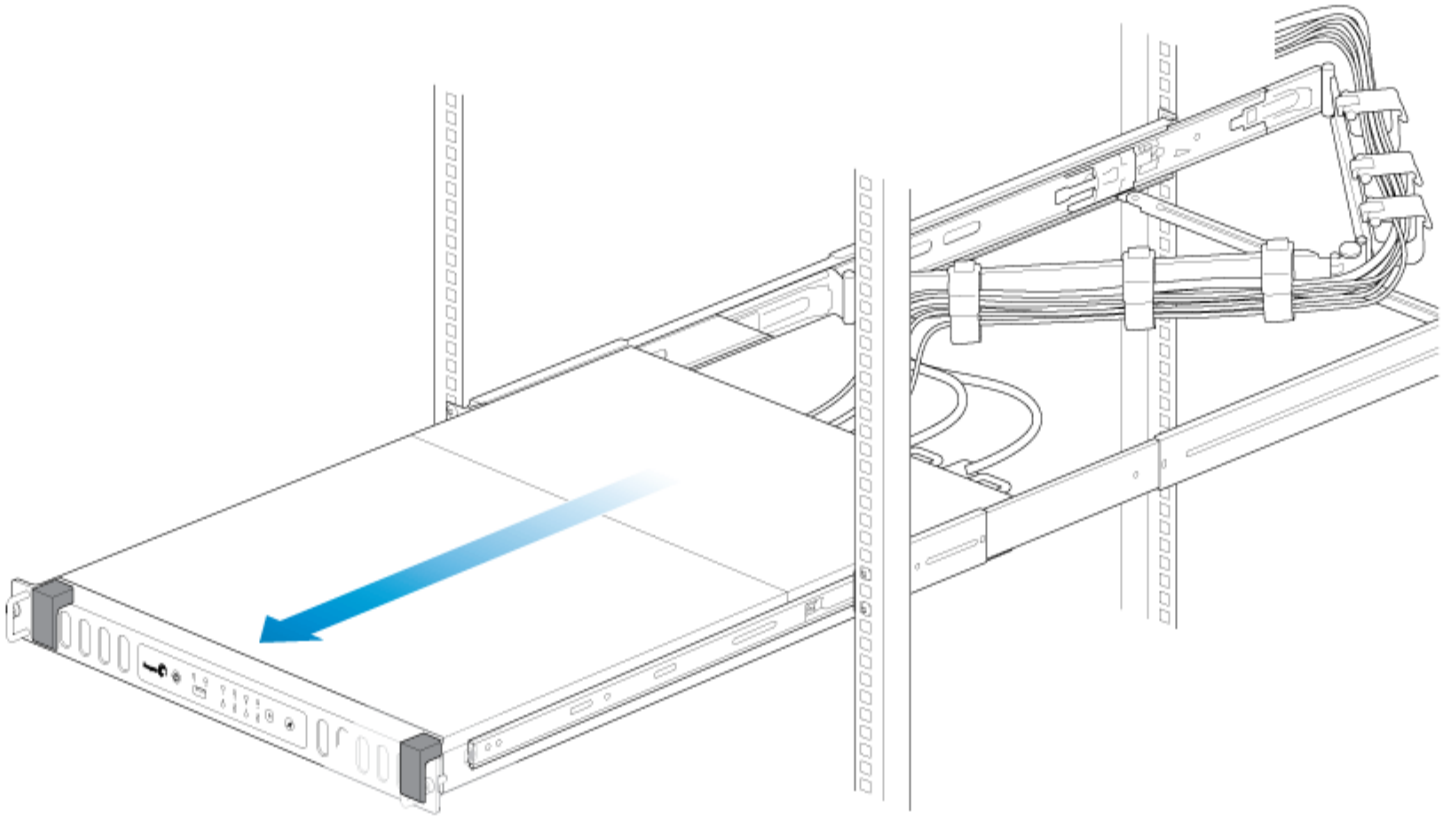
1. Connect the Ethernet cables to your router.

2. Connect the power cables to outlets.

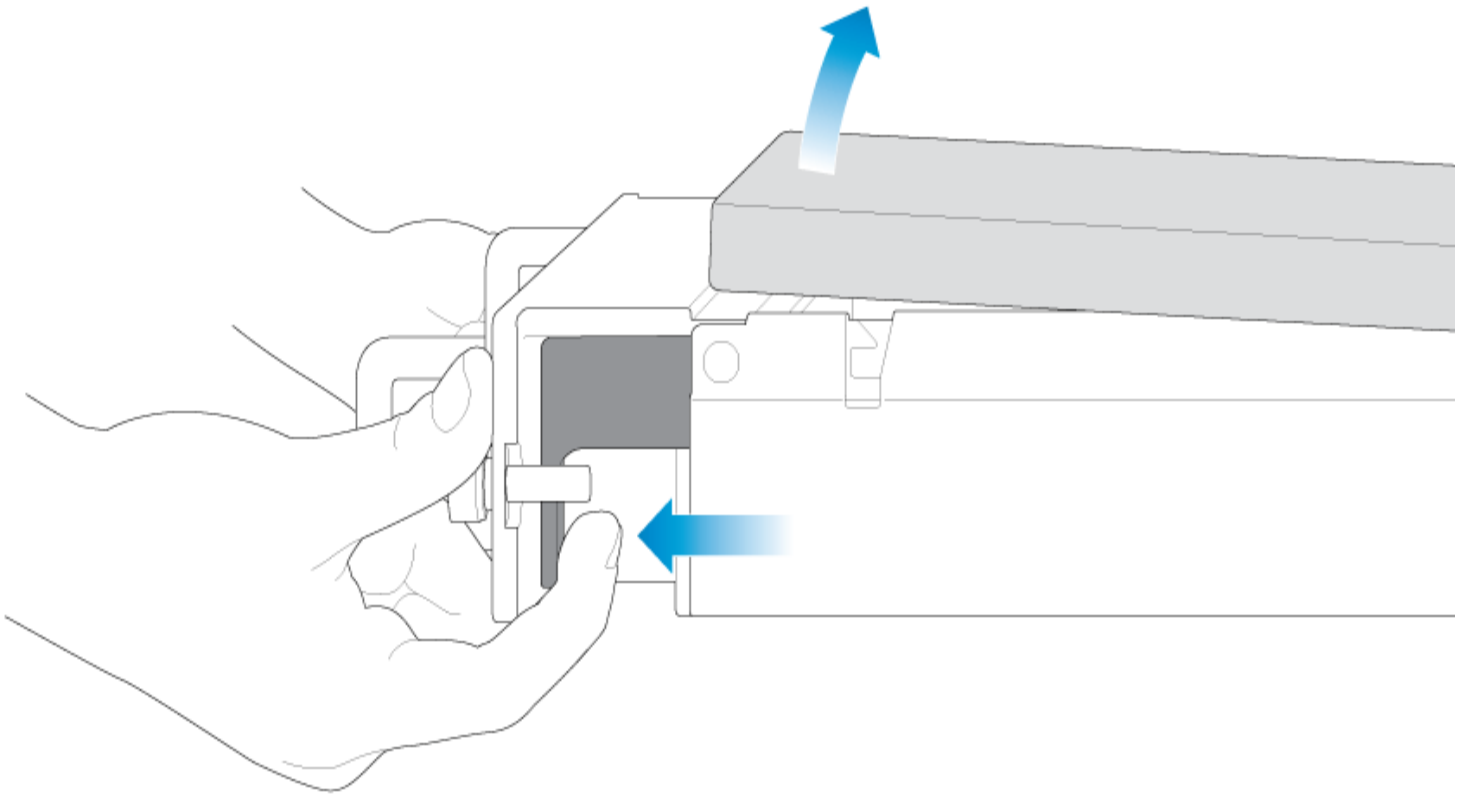
Step 4 - Drives

Remove the cover

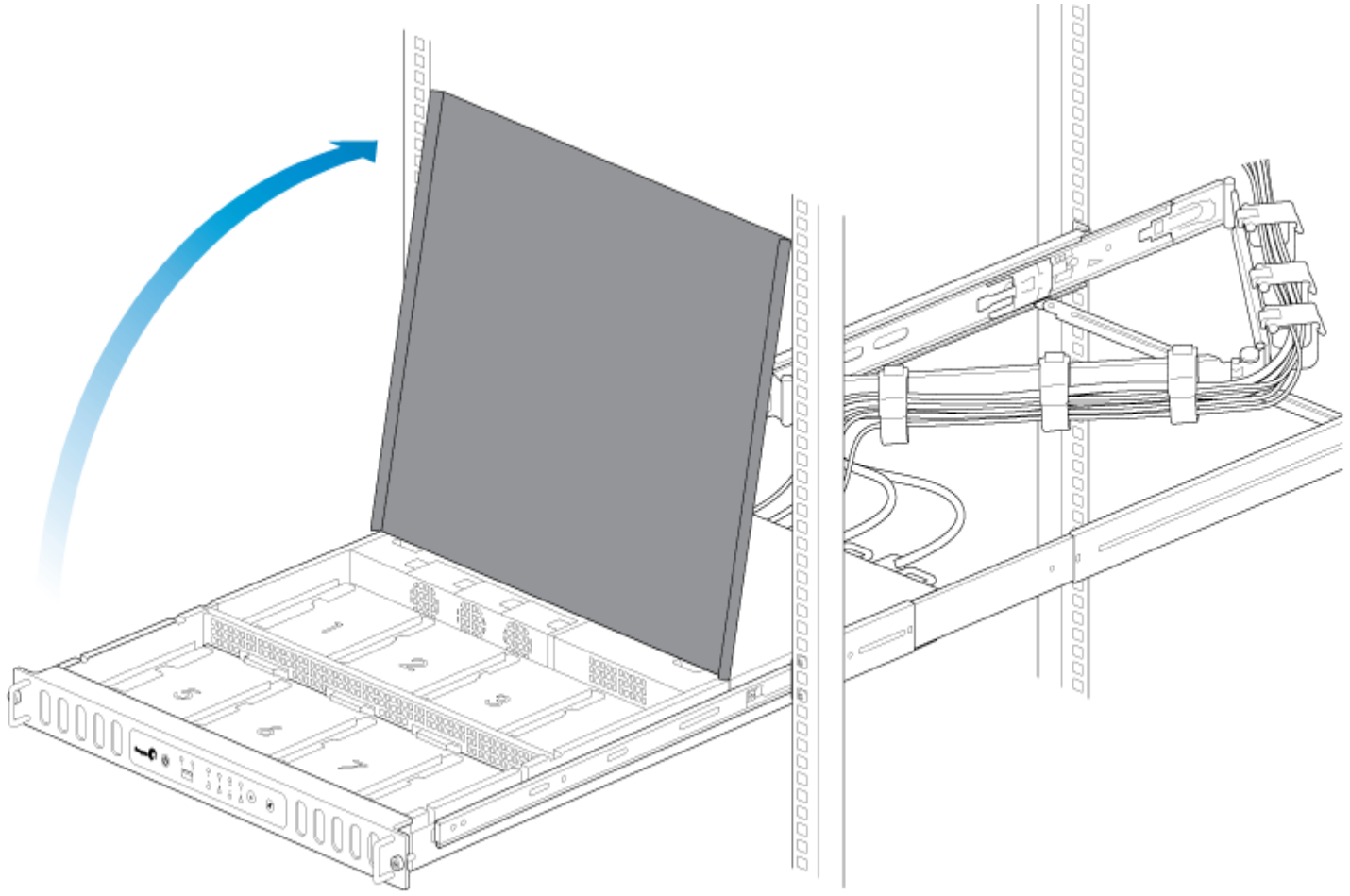
1. Slide the NAS toward you until it locks into position.



2. Release the cover by simultaneously pushing both front latches toward you.



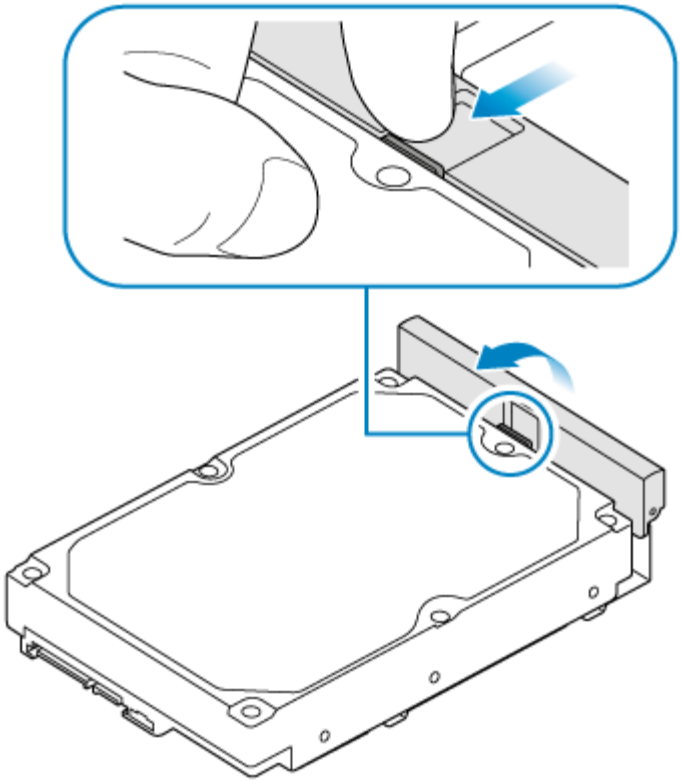
3. Lift the cover.



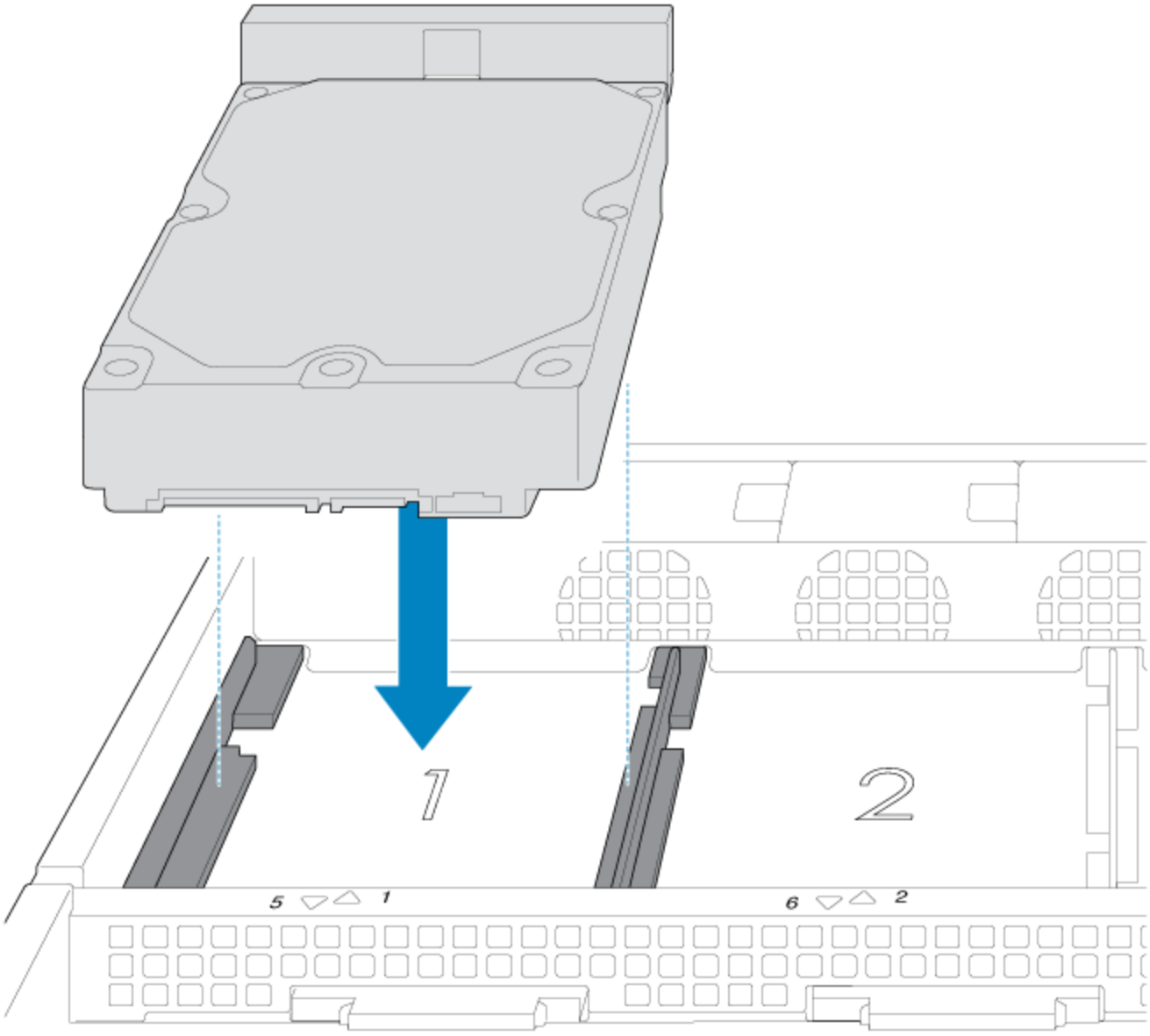
Insert the drives

Important info: Make certain that you are properly grounded before touching the disks.

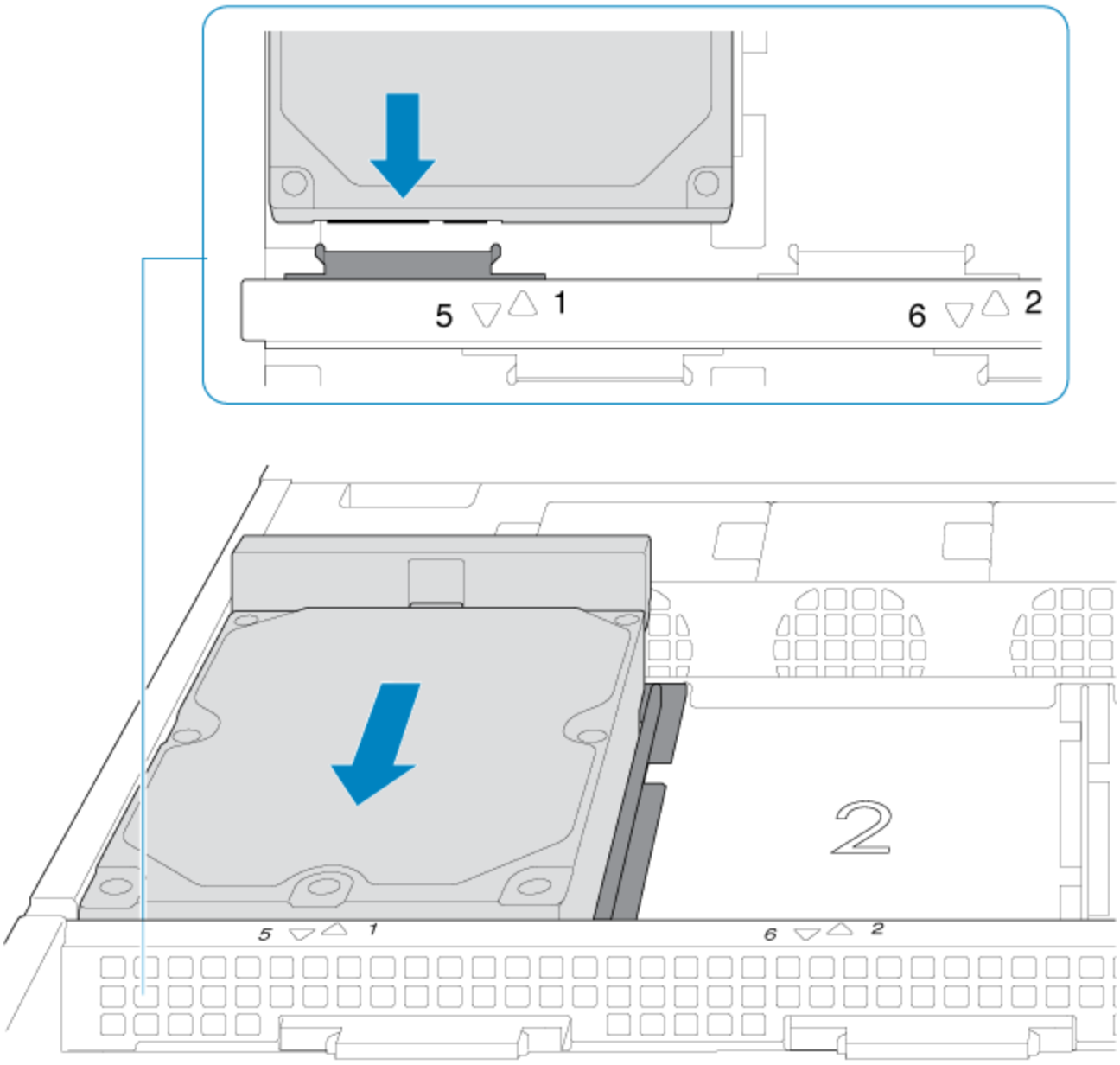
1. Push the disk's lock button to open the latch.



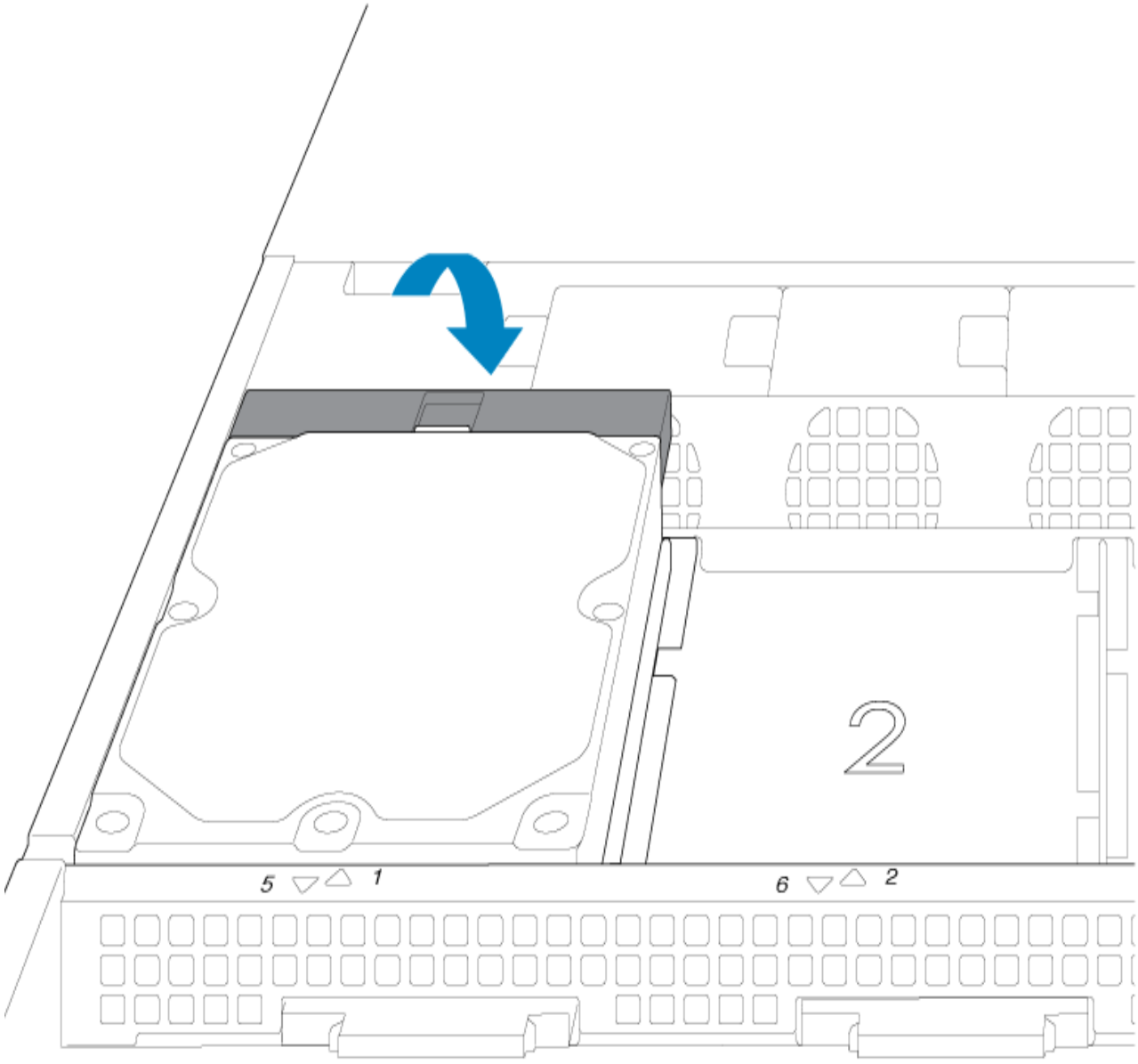
2. Place the disk on the NAS's hard drive guides. Confirm that the disk is correctly aligned on the guides by gently pushing it away from the SATA connection.



3. Slide the disk into the SATA connection.

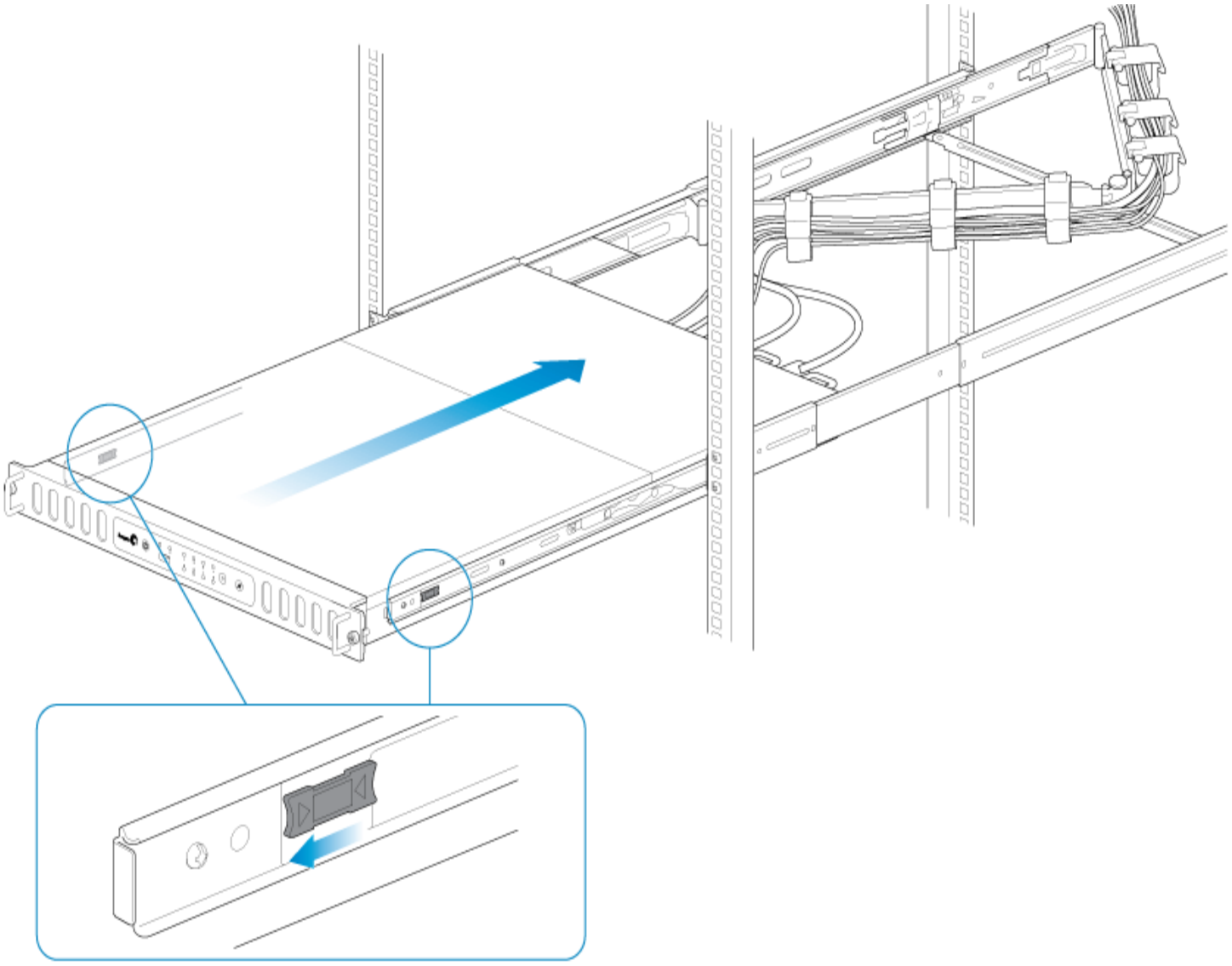


4. Close the disk's latch.



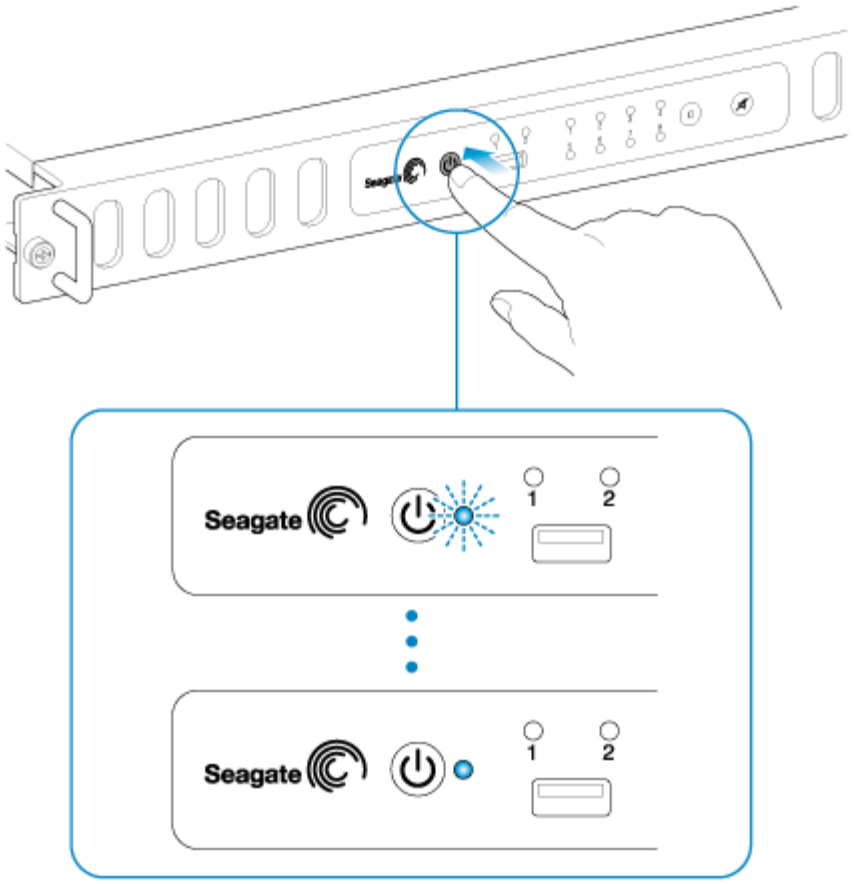
5. Repeat the steps for each disk.

6. Close the cover and slide the NAS into the rack. To unlock the rails, pull the rail fasteners on each side toward you. Secure the NAS to the rack using the two front screws.

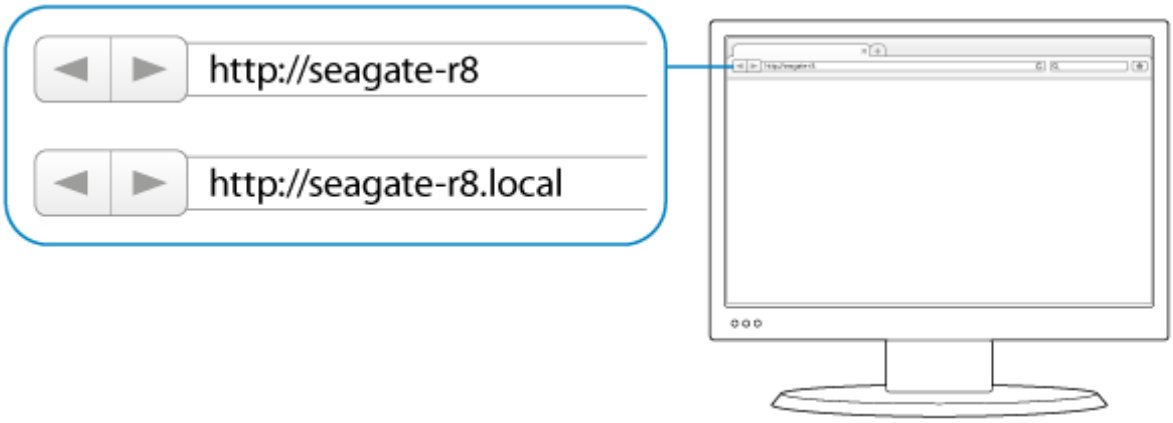


Step 5 - Log on to the NAS

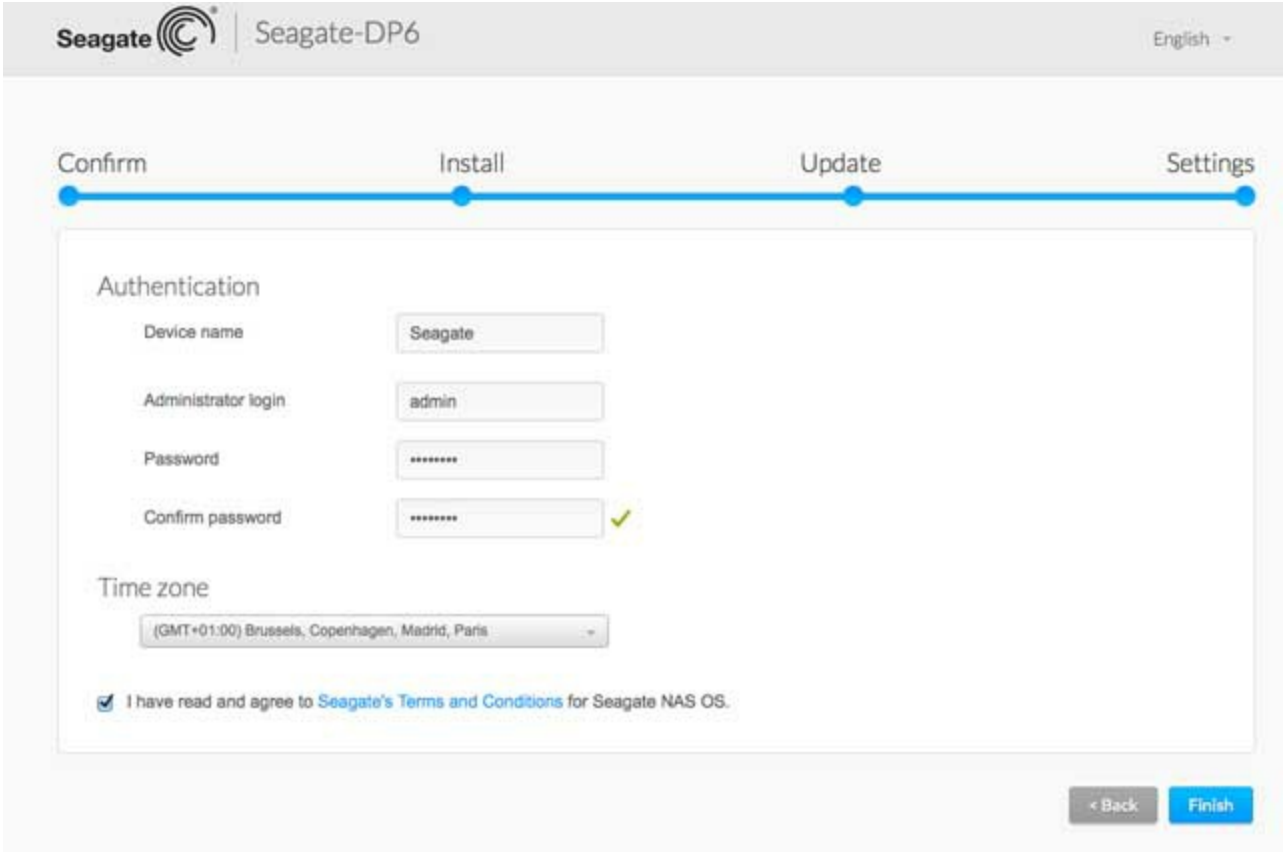
1. Power on the NAS. Wait for the status LED to turn solid before moving to the next step.



2. From a workstation on your network, launch a web browser to enter http://seagate-r8 or, http://seagate-r8.local for Mac or any workstation using Bonjour.



3. Follow the on-screen instructions to complete the installation.


Seagate
Seagate-DP6
English
Confirm
Install
Update
Settings
Authentication
Device name
Seagate
Administrator login
admin
Password
Confirm password
Time zone
(GMT+01:00) Brussels, Copenhagen, Madrid, Paris
I have read and agree to Seagate's Terms and Conditions for Seagate NAS OS.
< Back
Finish

Software

The Seagate 8-bay Rackmount NAS is preinstalled with Seagate NAS OS. To manage the NAS, the administrator can launch the web-based administration tool. Use NAS OS to:

- Allocate the NAS's drives into volumes
- Configure RAID
- Set up the NAS's network connection
- Link the Ethernet ports for performance or protection
- Create shares for data distribution
- Create users and groups for access rights to data
- Create iSCSI targets
- Set up remote access
- Check the health of the NAS

See the NAS OS User Manual for instructions on how to manage all the features available to the Seagate 8-bay Rackmount NAS.

Getting Help

If you are having issues with your product, first consult this user manual and the troubleshooting topics below. If the problem persists, refer to:

- The Seagate NAS OS User Manual
- Seagate Technical Support

- Warranty rights and responsibilities

Note: Seagate is dedicated to providing high quality products that enrich the lives of our customers. To help Seagate offer the best customer support, we encourage you to create an account and register your product at https://www.onlineregister.com/seagate/ . You can give us important feedback as well as receive updated information on your Seagate device.

Troubleshooting topics

The 8-bay Rackmount NAS will not turn on.

Q: Can you confirm that the NAS is receiving power?
A: Make sure the power cord is properly connected, then push the power button until the Status LED turns ON.

Q: Have you connected a USB storage device?
A: The NAS may be attempting to boot from it. Unplug the device and retry to reboot the system.

Q: Does the motherboard battery need to be replaced?
A: A non-functioning motherboard battery could prevent the system from booting. Contact Seagate support for confirmation and help.

Q: Is there a problem with one or both power supply units?
A: Connect a monitor, mouse, and keyboard, and turn your product on. If you don't see anything on the monitor,that means that the problem may result from the NAS's power supply units. Your NAS has redundant power supplies that allow for one to fail. Contact Seagate support if you believe that one or both power supplies have failed. In the rare case in which both power supplies fail at the same time, you may be asked to send NAS to Seagate for review.

The 8-bay Rackmount NAS turns off when I connect a USB device.

Q: Have you connected more than three bus-powered USB devices or is one of your devices drawing an inordinate amount of power?
A: Connect no more than three bus-powered USB devices and/or make sure that none of the devices is drawing an inordinate amount of power.

Q: Did the product turn off as soon as the USB device and the 8-bay Rackmount NAS's USB port came into contact?
A: The USB device may have caused a short circuit. Unplug any USB devices you have connected since the failure and reboot the product.